



MATERIALS APPROVALS INDEX

February 16, 2009

Wellman Engineering Resins Division
P. O. Drawer 188
Johnsonville, SC 29555
1-800-821-6022

SPECIFICATION	NOTES	WELLMAN MATERIAL
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AMP		
100-610		FR22F-N
100-758		FRGS25-66-N
100-759		GSF25/15-66
100-1051		GF13-66 22LH-N
BABCOCK		
51-8111-0984		GF33A099 HRBK
BURROUGHS		
1762-6201		220-N
M-1180		FR22F-N
M-1199		GS40-66 22L-N
M-1199		GS25-66 22L-N
DAIMLER CHRYSLER		
MS-DB 41 CPN 1076	(old CPN3667)	22LH-N
MS-DB 41 CPN 1826		22LH16 XE-NBK1
MS-DB 41 CPN 1899		NY1599 BK
MS-DB 41 CPN 1900	(old CPN 3815)	GF33-66 XE-NBK1
MS-DB 41 CPN 1938	(old CPN 3246)	22L-N
MS-DB 41 CPN 1948		22L-NBK1
MS-DB 41 CPN 2043	(old CPN 3787)	GF33-66 XE-N
MS-DB 41 CPN 2055	(old MSDB 427 CPN 2055)	22LH14 XE-GY1
MS-DB 41 CPN 2055		22LH16 XE-N
MS-DB 41 CPN 2228	(old MSDB 451 CPN 3255)	MR410 22H-NBK1
MS-DB 41 CPN 2239		GF13-66 XE-NBK1
MS-DB 41 CPN 2345		XT1668-BK1
MS-DB 41 CPN 2605	(old MSDB 451 CPN 2605)	MR409 22H-NBK1
MS-DB 41 CPN 2727	(old CPN 4019)	GF33A099HR-BK
MS-DB 41 CPN 2755		MRGF25/15 42H-
MS-DB 41 CPN 2755	DX-9 Black (Interior)	MRGF25/15 42H-BKDX-9
MS-DB 41 CPN 2927	(old MSDB 444 CPN 2927)	MRGF25/15 42H-NBK1

MS-DB 41 CPN 2927		EcoLon MRGF1616-BK
MS-DB 41 CPN 3069	(old MSDB 451 CPN 3069)	MR409 22H-NBK4
MS-DB 41 CPN 3134	(old MSDB 451 CPN 3134)	MRGF25/15 22H-NBK1
MS-DB 41 CPN 3319	(old MSDB 451 CPN 3319)	MR409 22H-N
MS-DB 41 CPN 3326	Weatherable (Exterior) (old CPN 3736)	MRGF25/15 42H-WBK
MS-DB 41 CPN 3546	(old MS-DB 451 CPN 3546)	WE1349 BK1
MS-DB 41 CPN 3547	(old MS-DB 444 CPN 3547)	GF20-60 XE-NBK1
MS-DB 41 CPN 3595	(old MS-DB 447 CPN 3595)	GF43-66/6 XE-N
MS-DB 41 CPN 3596	(old MS-DB 447 CPN 3596)	GF43-66/6 XE-NBK1
MS-DB 41 CPN 3659	(old MS-DB 430 CPN 3659)	WE1408 BK
MS-DB 41 CPN 3738		MRGF25/15 22H-N
MS-DB 41 CPN 3795		GS25-66 22LH-NBK1
MS-DB 41 CPN 3795	DX-9 Black (Interior)	GS1684-WBK1
MS-DB 41 CPN 3802		GSF25/15-66 22L-NBK1
MS-DB 41 CPN 3803		GSF25/15-66 22L-N
MS-DB 41 CPN 3870	Weatherable (Interior)	42LH-WBK
MS-DB 41 CPN 3918		MR410 22H-N
MS-DB 41 CPN 3918		MR410 22H-GY1
MS-DB 41 CPN 3918		MRB40K004 WT1
MS-DB 41 CPN 3958	Weatherable (Exterior)	GF33-66/6 XE-WBK
MS-DB 41 CPN 3967		FRGF25-66-NBK3
MS-DB 41 CPN 3985		MRGF3822 BK
MS-DB 41 CPN 4129		EcoLon 2000-BK1
MS-DB 41 CPN 4129		EcoLon 2100-BK1
MS-DB 41 CPN 4210		EcoLon MRGF1619-BK3
MS-DB 41 CPN 4347		GF33-66 XE-
MS-DB 41 CPN 4347	DX-9 Black (Interior)	GF33-66 XE-BKDX-9
MS-DB 41 CPN 4384		GF20-60 XE-
MS-DB 41 CPN 4384	DX-9 Black (Interior)	GF20-60 XE-BKDX-9
MS-DB 41 CPN 4405	DX-9 Black (Interior)	GF33-66/6 XE-BKDX-9
MS-DB 41 CPN 4514		FRGS25-66-NBK3
MS-DB 400 CPN 3425	PET (old MSDB 454 CPN 3425)	MRGF102-BK1

DELPHI		
DELHI CHASSIS SYSTEMS		
M-2964		MRGF30/10 42H-N
MX-856		GS40-66 22L-N, -NBK1
DELPHI ENERGY AND ENGINE MANAGEMENT SYSTEMS		
M-4028		GS40-66 22L-NBK1
M-4101		FRGF25-66-N
M-6029		FRGF25-66 NBK3
M-6074		GF33-66 XE-NBK1
DELPHI INTERIOR SYSTEMS		
DX300103		GF43-66/6XE-N
DX300103		GF43-66/6XE-NBK1
DX300137		GF33-66/6 XE-WBK
DX300140		42LH-N
DX300140		42LH-NBK1
DX300141		MRGF25/15 42H-N1/ WE1705
DX300179		GF13-66 XE-N
DZ300179		GF13-66 XE-NBK1
DX300180		22LH16 XE-N
DX300180		22LH16 XE-NBK1
DX300182		MR409 22H-N
DX300182		MR409 22H-NBK1
DX300182		MR409 22H-NBK3
DX300183		22L-N
DX300183		22L-NBK1
DX300184		MRGF30/10 42H-N
DX300184		MRGF30/10 42H-NBK1
DX300185		MRGF25/15 42H-N

DX300185		MRGF25/15 42H-NBK1
DX300186		42L XE-N
DX300186		42L XE-NBK1
DX300187		MR410 22H-N
DX300187		MR410 22H-NBK1
DX300187		MR410 22H-GY1
DX300188		GFT13-66 XE-N
DX300188		GFT13-66 XE-NBK1
DX300194		GFT15N050-N2
DX300194		GFT15N050-BK2
DX300195		MR410 42H-N
DX300195		MR410 42H-NBK1
DX300196		42LH XE-N
DX300196		42LH XE-NBK1
DX300197		GF14-60 XE-N
DX300197		GF14-60 XE-NBK1
DX300198		GF30-60 XE-N
DX300198		GF30-60 XE-NBK1
DX300199		MR410 22L-N5
DX300199		MR410 22L-NBK5
DX300199		MR410 22L-GY5
DX300200		SGC013-NBK1
DX300293		GF33-66 XE-N
DX300293		GF33-66 XE-NBK1
DX300317		XT1627-WBK2
DX300376		MRGF25/15 42H-WBK
DX300382		MRGF25/15 22H-N
DX300382		MRGF25/15 22H-NBK1
<i>DELPHI THERMAL SYSTEMS</i>		

6-9-40-256 SD2-214 paragraph 4.1 SD2-214 paragraph 4.1 SD2-214 paragraph 4.1 SD2-214 paragraph 4.2 SD2-214 paragraph 4.3 SD2-214 paragraph 4.7		MR410 22H-N MR410 22H-N EcoLon MR1660-BK1 EcoLon MR1935-N1 EcoLon 2100-BK MRGF1926-BK1 MR410 42H-NBK1
<i>DELPHI AUTOMOTIVE SYSTEMS</i>		
M2205-001		21U-NBK1
<i>DELPHI SAGINAW STEERING SYSTEMS</i>		
7828532		MRGF30/10 42H-N
7828532		MRGF30/10 42H-NBK1
26097807		GF43-66/6 XE-BK167A
<i>FORD MOTOR COMPANY</i>		
ESF M4D 78A	Replaced by SAE J1639 PA0222	42L-XE-N
ESB M4D 89A	Replaced by WSK-M4D663-A	GF33-66 XE-N1
ESF M4D 101-A		42LH-XE-N & NBK1
ESB M4D 133A		GF33-66 XE-N1
ESF M4D 150A		22L-N
ESB M4D 178-A	Replaced by SAE J1639 PA0171	22LHI6-XE-N
ESB M4D 178-A, TYPE II		22LHI6-XE-NBK1
ESB M4D 189-A		GFT13-66 XE-N
ESB M4D 189-A		GFT13-66 XE-NBK1
ESB M4D 264-A	Replaced by SAE J1639 PA0171	22LHI6-XE-N
ESB M4D 264-A	Replaced by SAE J1639 PA0171	22LHI6-XE-NBK1
ESA M4D 267-A		22LHI6-XE-N
ESA M4D 267-A		22LHI6-XE-NBK1
ESE M4D 287-A		GF33-66 XE-N
ESE M4D 287-B		GF33-66 XE-N

ESH M4D 287-C	Replaced by SAE J1639 PA1166	(See PA1166)
ESF M4D 314-A	Replaced by SAE J1639 PA0222	42LH-NBK1
ESB M4D 314-B	Replaced by SAE J1639PA0121 (or PA0222)	21LH-N
ESF M4D 335-A		GF43-66 XE-N
ESF M4D 335-A		GF43-66 XE-NBK1
ESE M4D 341-A1	PET	GF1030
ESE M4D 341-A1	PBT	9330GR N
ESA M4D 349-A	Replaced by SAE J1639 PA1112	GF13-66 XE-N
ESA M4D 349-B		GFT13-66 XE-NBK1
ESB M4D 353-A2		MR410 22H-N
ESB M4D 353-A3	JA6A Black (Interior)	MRGF25/15 42H-BKJA6A
ESB M4D 353-A3		MRGF25/15 42H-NBK1
ESB M4D 353-A3		MRGF25/15 42H-N
ESB M4D 353-A7	White Specification Obsolete	MRB40K004-WT1
ESB M4D 353-A7	Replaced by SAE J1639 PA1147	MRGF25/15 22H-N
ESB M4D 353-A7	Replaced by SAE J1639 PA1147	MRGF25/15 22H-NBK1
ESB M4D 354-A1	PBT	9330GR N
ESA M4D 359-A1	PBT	9000GP
ESB M4D 366-A1		GS40-60 42L-NBK1
ESB M4D 366-A1		GS40-60 42LH-N
ESB M4D 366-A2		GSF25/15-66 22L-N
ESB M4D 366-A2		GSF25/15-66 22L-NBK1
ESA M4D 429-A3		MR340 42H-N
ESA M4D 429-A3		MR340 42H-NBK1
WSS M4D 429-C3		MR340 42H-NBK1
ESL M4D 533-A		GF33-66/6 XE
WSS M4D 366-A2		GSF25/15-66 22L-NBK1
WSS M4D 628-A2		FRGS25-66-NBK3
WSK M4D 642-A		GF1398 BK12
WSK M4D 663-A		GF33-66 XE-N1
WSH M4D 669-A2		GF13-66 22LH-NBK1
WSK M4D 704-A1		MR410 22H-N
WSK M4D 706-A2		XT1668-BK1

WSK M4D 719-A		MRGF3820 N
WSK M4D 719-A		MRGF3820 BK
WSK M4D 719-A		MRGF3822 BK
WSS M4D 719-A2		EcoLon MRGF1518-BK
WSS M4D 719-A2		EcoLon MRGF1518-BK3
WSS M4D 719-A2		EcoLon 2000-BK1
WSS M4D 719-A2	JA6A Black (Underhood)	EcoLon 2000-BK1
WSS M4D 719-A2		EcoLon 2100-BK1
WSS M4D 719-A3		EcoLon MR1660-BK1
WSK M4D 822-A		MRGF25/15 42H-N
WSK M4D 822-A		MRGF25/15 42H-NBK1
WSK M4D 822-A		MRGFX 1393-N
WSS M4D 822-A2		MRGF25/15 42H-NBK1
WSS M4D 822-A2	JA6A Black (Interior)	MRGF25/15 42H-BKJA6A
WSS M4D 822-A4		EcoLon MRGF1616-BK
WSK M4D 823-A		MRGF25/15 22H-N
WSK M4D 823-A		MRGF25/15 22H-NBK1
WSS M4D 823-A2		EcoLon MRGF1926
WSS M4D 951-A2	JA6A Black (Underhood)	EcoLon MRGF1619 BK3
WSS M4D 951-A2	JA6A Black (Underhood)	EcoLon MRGF1619 BK5
WSS M4D 968-A		EcoLon MRGF1878-BK1
WSS M4D 968-A	JA6A Black (Underhood)	EcoLon MRGF1878-BKJA6A
WSS M4D 968-A	Metallic Gray (Underhood)	MRGF1737-GY1
WSS M4D 986-A		GF1768-BK1
WSS M4D 986-A	JA6A Black (Interior)	GF1768-BKJA6A
SAE J1639 PA0121		NY1599 BK
SAE J1639 PA0121		21LH-N
SAE J1639 PA0121		21LH-NBK4
SAE J1639 PA0121		NY1599-BK
SAE J1639 PA0121Z6		22L-N
SAE J1639 PA0121Z6		22L-NBK1
SAE J1639 PA0171		22LHI6 XE-N
SAE J1639 PA0171		22LHI6 XE-NBK1
SAE J1639 PA0171	See Note 1	XT1561-BK

SAE J1639 PA0222		42LH XE-N
SAE J1639 PA0222		42LH XE-NBK1
SAE J1639 PA0222		42LH-N
SAE J1639 PA0222		42LH-NBK1
SAE J1639 PA0222Z6		42L XE-N, NBK1
SAE J1639 PA1112		GF13-66 XE-N
SAE J1639 PA1112		GF13-66 XE-NBK1
SAE J1639 PA1112		GF13-66 22LH-NBK1
SAE J1639 PA1116		GF33-66 XE-N
SAE J1639 PA1116		GF33-66 XE-NBK1
SAE J1639 PA1122		GFT13-66 XE-N
SAE J1639 PA1122		GFT13-66 XE-NBK1
SAE J1639 PA1137		MR409 22H-N
SAE J1639 PA1137		MR409 22H-NBK1
SAE J1639 PA1137		MR409 22H-NBK3
SAE J1639 PA1137		MR410 22H-N
SAE J1639 PA1137		MR410 22H-GY1
SAE J1639PA1137 Z1Z2Z3	See Note 1	EcoLon MR1660-BK
➤ Z1: Fogging SAE J1756, 3 hours @ 100 C and 1 hour post conditioning at 23 C. No beads or crystals allowed. Min. reading of 70.		
➤ Z2: Contains at least 25% post consumer recycled content.		
➤ Z3: Odor, SAE J1351 rating 2 max.		
SAE J1639 PA1166		GF33AO99 HRBK
SAE J1639 PA1247	See Note 1	EcoLon MRGF1616-BK
SAE J1639 PA1816		GF33-66/6 XE-NBK1
SAE J1639 PA1816		GF33-66/6 XE-WBK
<i>Ford ASTM Callouts</i>		
D4000 PA120R37A32170		MRGF25/15 22H-NBK1
D4000 PA226R40A42270		MRGF25/15 42H-NBK1
D4000 PA120G33A53480		GF33-66 22LH-
D4000 PA120G33A53480		GF33-66 XE-
D400PA0120M25GA132KB070PA050UA36.0	See Note 1	MR259 22LH-N
D4000PA022R30KD098PM004UM071YI190ZZ1 where Z= 25% post consumer nylon content and Z1= Density per ISO 1183 of 1.34-1.40 g/cm3		EcoLon MRGF1878-BK1

D4000PA022R30KD098PM004UM071YI190ZZ1 where Z= 25% post consumer nylon content and Z1= Density per ISO 1183 of 1.34-1.40 g/cm3	JA6A Black (Underhood)	EcoLon MRGF1878 BKJA6A
D4000PA018G15FJ000KD081UM035ZZ01where FJ000=100 mm/minute maximum burn rate and ZZ01 = complies with Ford WSS-M99P9999- A1:2003.		GFT15N050-BK2
D5927 TPES0210R35A47350AA002	See Note 1	MRGF102-BK1

Note 1: The following materials have been approved by Ford and are in current usage, but do not show on the Ford Approved Source List.

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GENERAL MOTORS CORPORATION

GMP.PA66.002		GFT15N050-N2
GMP.PA66.002		GFT15N050-BK2
GMP.PA66.003		MRGF25/15 22H-N
GMP.PA66.003		MRGF25/15 22H-NBK1
GMP.PA66.003	White	MRGF1351-WT01
GMP.PA66.003		EcoLon 2200-BK1
GMP.PA66.003		EcoLon 2100-BK1
GMP.PA66.005		22L-N
GMP.PA66.005		22L-NBK1
GMP.PA66.007		MR409 22H-N
GMP.PA66.007		MR409 22H-NBK1
GMP.PA66.007		MR409 22H-NBK3
GMP.PA66.011		WE1304 N
GMP.PA66.011		WE1304-BK1
GMP.PA66.012		SGCO13 NBK1
GMP.PA66.013		GF33-66 XE-N
GMP.PA66.013		GF33-66 XE-NBK1
GMP.PA66.015		22LHI6 XE-N
GMP.PA66.015		22LHI6 XE-NBK1
GMP.PA66.016		GFT33N051-N
GMP.PA66.017		GFX1624-BK(PTFE)
GMP.PA66.018		22LH-N
GMP.PA66.018		22LH-NBK4

GMP.PA66.020		GF13-66 XE-N
GMP.PA66.020		GF13-66 XE-NBK1
GMP.PA66.038R BB		XT1561 BK
GMP.PA66.042R		EcoLon 2000-BK1
GMP.PA66.042R		EcoLon 2100-BK1
GMP.PA66.049R		SGC013-BK1
GMP.PA66.054		GF33A099HR-N
GMP.PA66.054		GF33A09HR-BK
GMP.PA66.057		GFT13-66 XE-N
GMP.PA66.057		GFT13-66 XE-NBK1
GMP.PA66.057		GFT13-66 XE-WT1
GMP.PA66.058		FRGF25-66-N
GMP.PA66.058		FRGF25-66-NBK3
GMP.PA66.060		MR410 22L-N5
GMP.PA66.060		MR410 22L-NBK5
GMP.PA66.060		MR410 22L-GY5
GMP.PA66.069		MR410 22H-N
GMP.PA66.069		MR410 22H-NBK1
GMP.PA66.069		MR410 22H-GY1
GMP.PA66.069		MRB40K004 WT1
GMP.PA66.070		GSF25/15-66 22L-N
GMP.PA66.070		GSF25/15-66 22L-NBK1
GMP.PA66.074		XT1627-WBK2
GMP.PA66.074	848 Black (Exterior)	XT1627-WBK848UV
GMP.PA66.075		GS40-66 22L-N
GMP.PA66.075		GS40-66 22L-NBK1
GMP.PA66.076		GF13-66 XE-N
GMP.PA66.076		GF13-66 XE-NBK1
GMP.PA66/6.002		GF33-66/6 XE-N
GMP.PA66/6.002		GF33-66/6 XE-NBK1
GMP.PA66/6.003		GF43-66/6 XE-N
GMP.PA66/6.003		GF43-66/6 XE-NBK1
GMP.PA66/6.003	167A Ebony (Interior)	GF43-66/6 XE-BK167A
GMP.PA66/6.004	Weatherable (Exterior)	GF33-66/6 XE-WBK
GMP.PA66/6.004	167A Ebony (Interior)	GF33-66/6 XE-BK167A

GMP.PA66/6.008		GFT33N051-N2
GMP.PA66/6.008		GFT33N051-NBK2
GMP.PA6.001		MRGF25/15 42H-N1/ WE1705
GMP.PA6.001	167A Ebony (Interior)	MRGF25/15 42H-BK167A
GMP.PA6.001	848 Black (Interior)	MRGF25/15 42H-BK848
GMP.PA6.006		GF14-60 XE-N
GMP.PA6.006		GF14-60 XE-NBK1
GMP.PA6.008		42LH XE-N
GMP.PA6.008		42LH XE-NBK1
GMP.PA6.009		GF30-60 XE-N
GMP.PA6.009		GF30-60 XE-NBK1
GMP.PA6.011 BB		MR410 42H-N
GMP.PA6.011 BB		MR410 42H-NBK1
GMP.PA6.012	APOPS #0329-01	EcoLon MRGF1616-BK
GMP.PA6.012		MRGF25/15 42H-N
GMP.PA6.012		MRGF25/15 42H-NBK1
GMP.PA6.013	Weatherable (Exterior)	MRGF25/15 42H-WBK
GMP.PA6.013	848 Black (Interior & Exterior)	MRGF25/15 42H-WBK
GMP.PA6.013	APOPS #0325-01-02-03-05	MRGF25/15 42H-WBK
GMP.PA6.014		GS40-60 42L-N
GMP.PA6.014		GS40-60 42L-NBK1
GMP.PA6.025		MR340 42H-N
GMP.PA6.025		MR340 42H-NBK1
GMP.PA6.030		MR409 42H-NBK3
GMP.PA6.030		MR410 42H-N
GMP.PA6.030		MR410 42H-NBK1
GMP.PA6.033		42L-XE-N
GMP.PA6.033		42L-XE-NBK1
GMP.PA6.034		GFT1700-N1
GMP.PA6.035		MRGF30/10 42H-N
GMP.PA6.035		MRGF30/10 42H-NBK1
GMP.PA6.042		GFX1356 BK01
GMP.PA6.046R		MRGF25/15 42H-NR

GMP.PA6.046R		MRGF25/15 42H-NBK1R
GMP.PA6.047R		42LH-N
GMP.PA6.047R		42LH-NBK1
GMP.PA6.073		EcoLon 2020-BK2
GMP.PETP.003	PET	MRGF102-BK1
GM ASTM CALLOUTS		
GM 7001M PA66(A5,A22,A42,A43,A64,DC1100,FXX,G20,K620,L400,M228,R90,SA1190,Z) FXX=Melting Point by DSC at 10C/min of 255-265C Z= Copper Heat Stabilizer of 65 PPM min.	Glass Guides	22LHI3 XE-NBK1
GM 7001-M PA66(A5,A22,A42,A64,DC1110,G20,K550,MB180,R100,U5,VE90,Z) Z=MULTIAXIAL IMPACT OF 40J MINIMUM AT MAXIMUM LOAD @ 6.6 M/SEC, 30 OF 30 DUCTILE AT 23C	Bulb Sockets for Guide	XT1486-N XT1486-BK
ASTM D4000 PA0120KD044PM018UM034YI095Z01Z02Z03Z04 , where Z01=filler hollow glass bubbles, Z02=density .90+/- .02, Z03=ash 33+/- 4%, Z04=viscosity 1.45-1.85	Float Material	GB1430-N
GM7001-M PA66/6(A22,A42,A47,A64,BA625,BJ615,DD1480,K1350,M940,R52,S210,Z) where Z=Physical property determination done per GM standard ISO procedures.		MRGF1882-BK1
GM7001-M PA66 (A22, A64, BA617, DC1230, G20, KS930, MS450, RS7.5, SS188, Z1 and Z2) Z1=color fastness to light, exterior per SAE J1960 2500, Delta E less than or equal to 1.0, no objectional defects allowed. Z2=Wellman Wellamid GFT1835 WBK1 or GM materials Engineering approved equivalent.		GFT1835-WBK1
BUICK MOTOR DIVISION		
88PL 5037 (PL20)		MRGF25/15 42H-NBK1
CHEVROLET MOTOR DIVISION		

CMP NY001 AB, BB, CB, DB	can be certified	22L-N
CMP NY005 AB, BB, CB, DB	can be certified	22LH XE-N
CMP NY010 AA	can be certified	GF43-66 XE-N
CMP NY019 AA	can be certified	GF13-66 XE-N
CMP NY019 AA	Contact Technical Service	GF13-66 22LH-N
CMP NY020 AA	can be certified	GF13-66 XE-NBK1
CMP NY020 AA		GF13-66 22LH-NBK1
CMP NY021 AA	can be certified	GF13-66 XE-N
CMP NY021 AA	can be certified	GF13-66 22LH-N
CMP NY022 AA, BB, CA, DA	can be certified	GF33-66 XE-N1
CMP NY022 AA	can be certified	GF33-66 XE-N
CMP NY022 AA	can be certified	GF33-66 22LH-N
CMP NY023 AB	can be certified	GF33-66 XE-N1
CMP NY023 AB	can be certified	GF33-66 XE-N
CMP NY024 AA, BA, CA, DA	can be certified	GF33-66 XE-N
CMP NY024 AA, BA, CA, DA	can be certified	GF33-66 22LH-N
CMP NY025 AA	can be certified	GF33-66 XE-NBK1
CMP NY025 AA	can be certified	GF33-66 22LH-NBK1
CMP NY026 AA		GFT13-66 XE-N
CMP NY026 AA		GFT13-66 XE-NBK1
CMP NY028 AA		GFT33N051
CMP NY029 AA		GFT33N051
CMP NY033 AA, CA		MRB40K004 WT1
CMP NY033 AA		MR410 22H-N
CMP NY033 BA		MR410 22H-NBK1
CMP NY035 AA	can be certified	GF33-66 XE-N1
CMP NY035 AA	can be certified	GF33-66 NE-N
CMP NY035 AA	can be certified	GF33-66 22LH-N
CMP NY138 AA		MRB40K004 WT1
CMP NY050 AB, BB, CB, DB	Contact Technical Service	42L-XE-N
CMP NY051 AB, BB, CB, DB	Contact Technical Service	42L-XE-NBK1
CMP NY052 AA	can be certified	42LH-XE-N
CMP NY053 AA	can be certified	42LH-XE-NBK1

CMP NY055 AA	Contact Technical Service	42L-XE-N, -NBK1
CMP NY056 AA		22L-XE-N1
CMP NY056 AA	Contact Technical Service	22L-N
CMP NY056 AA	Contact Technical Service	22L-NBK1
CMP NY057 AA		22LH-XE-N
CMP NY058 AA	Contact Technical Service	42LH-XE-N
CMP NY058 AA	Contact Technical Service	42LH -XE-NBK1
CMP NY065 AA	can be certified	GF43-66 XE-N, -NBK1
CMP NY065 AA	can be certified	GF43-66/6 XE-N, -NBK1
CMP NY073 AA		MR329 22H-N
CMP NY074 AA	can be certified	GF13-66 22LH-N
CMP NY074 AA	can be certified	GF13-66 22LH-NBK1
CMP NY074 AA	can be certified	GF13-66 XE-N
CMP NY074 AA	can be certified	GF13-66 XE-NBK1
CMP NY074 AA	can be certified	GF14-60 XE-N
CMP NY074 AA	can be certified	GF14-60 XE-NBK1
CMP NY076 AA		22LHI6 XE-N
CMP NY078 AA	can be certified	GF30-60 XE-N
CMP NY078 AA	can be certified	GF30-60 XE-NBK1
CMP NY084 AA	can be certified	GF33-66 XE-N1
CMP NY084 AA	can be certified	GF33-66 22LH-N
CMP NY084 AA	can be certified	GF33-66 22LH-NBK1
CMP NY084 AA	can be certified	GF33-66 XE-N
CMP NY084 AA	can be certified	GF33-66 XE-NBK1
CMP NY084 AA	can be certified	GF33-66/6 XE-N
CMP NY084 AA	can be certified	GF33-66/6 XE-NBK1
CMP NY084 AA	can be certified	GF30-60 XE-N
CMP NY084 AA	can be certified	GF30-60 XE-NBK1
CMP NY085 AA	can be certified	GF33-66 XE-N
CMP NY085 AA	can be certified	GF33-66 XE-NBK1
CMP NY085 AA	can be certified	GF33-66/6 XE-N
CMP NY085 AA	can be certified	GF33-66/6 XE-NBK1
CMP NY085 AA	can be certified	GF30-60 XE-N
CMP NY085 AA	can be certified	GF30-60 XE-NBK1

CMP NY087 AA		GF33-66 XE-N
CMP NY087 AA		GF33-66 XE-NBK1
CMP NY094 AA		MR409 22H-N
CMP NY094 AA		MR409 22H-NBK1
CMP NY094 AA,BA,CA		MR409 22H-NBK3
CMP NY095 AB		MRGF25/15 42H-N
CMP NY095 AB		MRGF25/15 42H-NBK1
CMP NY097 AA		GF13-66 XE-N
CMP NY097 AA		GF13-66 XE-NBK1
CMP NY102 AB,BB,CB,DB	can be certified	22LH XE-N
CMP NY104 AA		GFT13-66 XE-N
CMP NY104 AA		GFT13-66 XE-NBK1
CMP NY108 AA	Contact Technical Service	GSF25/15-66 22L-N
CMP NY108 AA	Contact Technical Service	GSF25/15-66 22L-NBK1
CMP NY111 AA		MRGF25/15 22H-N
CMP NY111 AA		MRGF25/15 22H-NBK1
CMP NY119 AA		MR410 42H-N
CMP NY119 AA		MR410 42H-NBK1
CMP NY131 AA		WE1304-N
CMP NY131 AA		WE1304-BK1
CMP NY132 AA		MR410 42H-N
CMP NY132 AA		MR410 42H-NBK1
CMP NY133 AA		MR340 42H-N
CMP NY133 AA		MR340 42H-NBK1
CMP NY138 AA		MR410 22H-N
CMP NY138 AA		MR410 22H-NBK1
CMP NY138 AA		MR410 22H-GY1
CMP NY138 AA		MRB40K004 WT1
FISHER BODY DIVISION		
FBMS 2-20 Type 1 Grade 1B		22L-N
FBMS 2-20 Type 1 Grade 1B		220-N
FBMS 2-20 Type 1 Grade 1B	Color 4957 White	2BRH-NW
FBMS 2-20 Type 1 Grade 1B-P	APOPS 9984800	22L-N

FBMS 2-20 Type 1 Grade 4B-S		GF33-66 XE-N
FBMS 2-20 Type 1 Grade 4B-SG9981936	tape drive grease compatibility	GF33-66 XE-N
FBMS 2-20 Type 1 Grade 4B-SG9981421	tape drive grease compatibility	GF33-66 XE-N
FBMS 2-20 Type 1 Grade 5B-S		MR409-22H-N
FBMS 2-20 Type 1 Grade 5B-S	848 Black (Underhood)	MR409-22H-NBK3
FBMS 2-20 Type 1 Grade 5B-SP	APOPS 9984800	MR409-22H-N
FBMS 2-20 Type 1 Grade 6A2		GSF25/15-66 22L-N
FBMS 2-20 Type 1 Grade 6A2		GSF25/15-66 22L-NBK1
FBMS 2-20 Type 2 Grade 4A-S		GF14-60 XE-N
FBMS 2-20 Type 2 Grade 4B-S		GF30-60 XE-N
FBMS 2-20 Type 2 Grade 4B-SG9981325	tape drive grease compatibility	GF30-60 XE
FBMS 2-20 Type 2 Grade 4B-SG9981936	tape drive grease compatibility	GF30-60 XE
FBMS 2-20 Type 2 Grade 4S1	848 Black	GS40-60 42L-NBK1
FBMS 2-20 Type 2 Grade 4S1		GS40-60 42LH-N
FBMS 2-20 Type 2 Grade 6A-S		MRGF25/15 42H-N
FBMS 2-20 Type 2 Grade 6A-SG9981936	tape drive grease compatibility	MRGF25/15 42H-N
GUIDE CORPORATION		
PMS NY1 (MG2567)		22LH-NBK4
PMS NY3		GF13-60 42LH-N
PMS NY5 (MG2361)		MRGF30/10 42H-N
PMS NY5 (MG2435)		MRGF30/10 42H-NBK1
PMS NY15 (MG2750)		MR410 22H-NBK1
PMS NY15 (MG2992)		MR410 22H-GY1
PMS NY15 (MG2086)		MR410 22H-N
VISTEON		
VAM-PA012100-U00BKM		NY1599-BK

ASTM D6779 PA0120R40 A93170 UM080 KD100 PN025(@ -40C) AA002 BLK PM040 PM025(@ -40C) FJ100 ZH01 ZZ02 ZZ03 Where ZH01=Heat aging per ISO 188 for 1000 hours at 140C, Izod Impact and Tensile Strength change +/- 25% max. ZZ02= PCR/PIR Content 25% minimum ZZ03=All requirements of this line call-out/ specification shall be met with data representing 3 sigma values		MRGF25/15 22H-NBK1
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XEROX

29-0115		GSF25/15 22L-NBK1
29-0182		GS40-66 22L-N
M-1180		FR22F-N
M-1199		GS40-66 22L-N
M-1199		GS25-66 22L-N

ASTM SPECIFICATIONS

ASTM D4000/D4066

Typical callouts for some Wellamid materials

PA0111		220, 22L
PA 0115		21L
PA0121		22LH
PA0131		22LN2
PA0171		22LHI4
PA0212		420-XE, 42L-XE
PA0222		42LH-XE
PA0232		42LN2-XE
PA0110,B45150,F34		FR22F
PA0110,G25,A21140,F24		FRGS25-66
PA0110,G25,A32280,F34		FRGF25-66
PA0110,G25,A21120		GS25-66 22L
PA0110,G40,A22140		GS40-66 22L
PA0120,G40,A22180		GSF25/15 22LH

PA0120,G13,A32280		GF13-66 XE
PA012G25		GF25-66 XE-NBK1
PA0120,G33,A53480		GF33-66 XE
PA0120,G33,A53480		GF33-66 22LH
PA0120,G43,A54580		GF43-66 XE
PA0120,M25,A21220		MR259 22LH
PA0120,M40,A22240		MR409 22H
PA0120,M40,A22150		MR410 22H
PA0120,R40,A33270		MRGF25/15 22H
PA0170,G13,A21470		GFT13-66 XE
PA0210,G40,A22120		GS40-60 42L
PA0220,G33,A43470		GF30-60 XE
PA0220,M34,A22230		MR340 42H
PA0220,M40,A22160		MR410 42H
PA0220,R40,A33170		MRGF25/15 42H
PA0220,R40,A32270		MRGF30/10 42H