

**EcoLon®**  
Cross Reference

Resin Family	EcoLon® Grade	General description	Comparable to:	Reasonable Alternative to:
Unfilled Nylon 66	EcoLon® NY1992-BK1	Unfilled nylon 66 with Lube, colored black. General Purpose,	Custom Resins Nylene 132HS DuPont Zytel 103 FHS-BK MDE N6650HSL	Ascend Vydnye 22HSP BASF Ultramid 1003-2 & 1003-11 DuPont Zytel 101 L DuPont Zytel 103 HSL Lanxess Durathan A30 H2.O Rhodia Technyl A225F
Mineral Reinforced Nylon 6	EcoLon® 3000-BK1	30% mineral filled nylon 6 with HS. Black Developed for Engine Beauty Covers (Honda)	BASF Ultramid B3M6 DuPont Minlon 73M30 HSL-BK489 MDE N60M30HSL Rhodia Technyl Star S 32H2MX30	Custom Resins Nylene 6234 HS (34%)
Mineral Reinforced Nylon 66	EcoLon® MR1660-BK	40% mineral filled nylon 66 with HS, black Developed for HVAC Valve Doors  <u>Approvals:</u> FORD WSS M4D 719-A3 SAE J1639 PA1137 Z1 Z2 Z3	Adell AH-38 Asahi Kasei Thermofill N3-40MF-0350 Ascend Vydnye R220 / R228 Chem Polymer Chemlon 140 M DSM Akulon S223-HM8 DuPont Minlon 10B40 Entec Hylon N1040ML MDE N66M40 HSL Technical Polymer Nycal 2150MC40	Dupont Minlon 11C40 Technical Polymer Nycal 2150MK40
Mineral + Glass Reinforced Nylon 6	EcoLon® MRGF1945-BK1	20% Mineral + 5% Glass Fiber, Nylon 6, HS Developed for Engine Beauty Covers (Chrysler)  <u>Approvals:</u> Chrysler MS-DB 41 CPN 4723	TBD	
	EcoLon® 2020-BK2	20% Mineral + 20% Glass Fiber, Nylon 6, HS Developed for Engine Beauty Covers (VW)  <u>Approvals:</u> GM, GMP.PA6.073	TBD	
	EcoLon® MRGF1878-BK1	20 % Mineral + 10 % Glass Fiber Nylon 6, HS Developed for Engine Beauty Covers  <u>Approvals:</u> Ford, WSS M4D 968-A	BASF Ultramid B3WGM24 HPX Black DSM Akulon K223-HGM24	
	EcoLon® MRGF1616-BK1	25% Mineral + 15% Glass Fiber Nylon 6, HS  <u>Approvals:</u> Chrysler, MS-DB 41 CPN2927 Ford, WSS M4D 822-A4 SAE J1639 PA1247 GM, GMP.PA6.012	Adell BL-18, BL-38 BASF Ultramid 8267G HS BK102 BASF Ultramid SEG35H1 BK-126 Custom Resins Nylene 7115 Chem Polymer Chemlon 225-15 MGH DSM Akulon K224-HGM35 Entec Hylon N2040 MGL MDE N60MG40HSL Rhodia Technyl C218MT25 V15	
Mineral + Glass Reinforced Nylon 66	EcoLon® MRGF1926-BK1	15% Mineral + 25 % Glass Fiber nylon 66, HS Developed for Engine Cam Covers  <u>Approvals:</u> Ford, WSS M4D 823-A2	BASF Ultramid A3WGM53 BK DuPont Minlon EFE 6053-K413 Rhodia Technyl A218 MT15 V25	
	EcoLon® MRGF1619-BK3	19% Mineral + Glass Fiber Nylon 66 Developed for Air Cleaner Assemblies  <u>Approvals:</u> Chrysler, MS-DB 41 CPN 4210 Ford, WSS M4D 951-A2	DuPont Zytel FE6202-BK180 MDE N66MG19 HSL RCBK	Adell AT-13 Ascend Vydnye R513H BASF Ultramid 1403-2 BK ND3007 Chem Polymer Chemlon 113 GH Custom Resins Nylene 5113 HS DSM Akulon 5223-G20 DuPont 70G13 HSL Entec Hylon N1013HL MDE N66 G13 HSL
	EcoLon® MRGF1914-BK1	25% mineral + 15% Glass Fiber nylon 66, HS	Chem Polymer Chemlon 125-15 MG	DuPont Minlon 22C

	EcoLon® 2200-BK1		DSM Akulon S223-GM35 DuPont Minlon FE6190-BK Michael Day N66MG40HSL Rhodia Technyl A 218 MT25 V15, Black Technical Polymer Nycal 2150 RMC40	
	EcoLon® 2000-BK1 EcoLon® 2100-BK1	38% Mineral + Glass reinforced nylon 66, HS Developed for Engine Cooling Fans & Shrouds  <u>Approvals:</u> Chrysler, MS-DB 41 CPN 4129 Ford, WSS M4D 719-A2 GM, GMP.PA66.003 & GMP.PA66.042R	Custom Resins Nylene 7215 DuPont Minlon IG38C1 DuPont Minlon IG40	DuPont Minlon 22C
Glass Reinforced Nylon 66	EcoLon® GF1978-BK1	14% Glass Fiber Nylon 66, HS	Adell AT-13 Ascend Vydine R513H BASF Ultramid 1403-2 BK ND3007 Chem Polymer Chemlon 113 GH Custom Resins Nylene 5113 HS DSM Akulon S223-G20 DuPont 70G13 HSL Entec Hylon N1013HL MDE N66 G13 HSL	
	EcoLon® GF1974-BK1	33% Glass Fiber Nylon 6, HS	Chem Polymer Chemlon 233 GVH Custom Resins Nylene 5233 HS MDE N60G33L BASF Ultramid 8233	Adell BJ-17, BR-17, BR-37, BJ-37 BASF Ultramid B3EG6 DSM Akulon K224-G6 Lanxess Durethan BKV130 H3.0 Lanxess Durethan BKV30 H2.0 Rhodia Technyl C218 V30
Glass Reinforced Nylon 66	EcoLon® G33-BK10 EcoLon® GF1985-HRBK	33% Glass Fiber Nylon 66 HS, General Purpose 33% Glass Fiber Nylon 66 HS, Glycol Resistant	Ascend Vydine R533 Asahi Kasei Leona 1300G, 54G33, 93G33 A. Schulman Schulamid 66GF33HS-31 BASF Capron 5233G HS BASF Ultramid 1503-2 BK Chem Polymer Chemlon 133G Custom Resin Nylene 5133-02 DSM Akulon S223-HG6U DuPont Zytel 70G33 HS1L Entec Hylon N1033HL MDE N66G33 HSL DuPont Zytel FE5105-BK083	Adell AR-17, AR-37 Ascend Vydine R633H BASF Ultramid A3X2G7 DSM Akulon S223-HG7 DuPont Zytel FE5555 BK538 DuPont Zytel 72G33L Custom Resins Nylene 9633 Lanxess Durethan AKV35 H1.0 Rhodia Technyl A218 V35 Dupont Zytel FE5407 BK
	EcoLon® GF1960-BK1	35% Glass Fiber Nylon 66, HS	Adell AR-17, AR-37 BASF Ultramid A3X2G7 DSM Akulon S223-HG7 DuPont Zytel FE5555 BK538 Lanxess Durethan AKV35 H1.0 MDE N66G35 Rhodia Technyl A218 V35	Ascend Vydine R533 Asahi Kasei Leona 1300G, 54G33, 93G33 BASF Capron 5233G HS Chem Polymer Chemlon 133G Custom Resin Nylene 5133-02  DSM Akulon S223-HG6U DuPont Zytel 70G33 HS1L Entec Hylon N1033HL MDE N66G33 HSL
	EcoLon® GF1993-BK1	43% Glass Fiber Nylon 66/6, HS	Ascend Vydine R543 DuPont Zytel 72G43-HSL	DuPont Zytel 70G43-HSL
Glass Reinforced Polypropylene	EcoLon® PP8004-BK1	20% Glass Fiber Reinforced Chemically Coupled Homo Polymer	Acclo Accutech HP0336G20C002L A. Schulman Polyfort FPP 20GFC Asahi Kassei Thermolene P6-20FG-0600	
	EcoLon® PP8002-BK1	30% Glass Fiber Reinforced Chemically Coupled Homo Polymer	Acclo Accutech HP0335G30CV A. Schulman Polyfort FPP 30 GFC Asahi Kassei Thermolene P6-30FG-0600	