



PHYSICAL PROPERTY MATERIAL COMPARISON

Customer Supplied Samples versus "Brand X" Spec Sheet

PROPERTY	ISO TEST METHOD	UNIT	First Sample	Second Sample	"Brand X" Spec Sheet
Tensile	527	MPa	123	126	165
Elongation	527	%	2.27	2.26	
Flexural Modulus	178	MPa	8,363	8,171	8,275
Flexural Strength	178	MPa	197	199	220
Izod Impact	180	kJ/m ²	8.0	7.9	6.8
HDT 264 psi	75	°C	206	205	240
Density	1183	g/cm ³	1.40	1.40	1.38
Ash Content	3451-1,-4	%	35.3	35.5	33
Shrinkage - Flow	294-4	%	0.36	0.27	
Shrinkage - Xflow	294-4	%	0.71	0.74	
Viscosity	307	dl/g	1.36	1.24	

Brand "X" material tested in Wellman laboratories. PP contamination: 9%