



Plastiblend® Impact Modified Molding Compounds

PROPERTIES	ASTM TEST METHOD	UNITS	PA6/ABS 1120 GF20 Polyamide and ABS Alloy, Glass Reinforced, Impact Modified, Natural Color
* dry as molded			
Physical			
Specific Gravity	D792	-	1.23
Water Absorption (24 hr.)	D570	%	0.7
Mold Shrinkage (1/8")	D955	in/in	0.003
Mechanical			
Tensile Strength	D638	psi	14,000
Tensile Elongation	D638	%	4.0
Flexural Strength	D790	psi	20,500
Flexural Modulus	D790	psi	750,000
Izod Impact Strength			
Notched (1/8")	D256	ft lb/in	2.7
Unnotched (1/8")	D256	ft lb/in	N.B.
Rockwell Hardness	D785	R Scale	105
Thermal			
Heat Deflection Temp.			
66 psi	D648	°F	409
264 psi			302
Coefficient of Linear Thermal Expansion	D696	in/in/°F x10 ⁻⁵	2.3
Electrical			
Volume Resistivity	D257	ohm•cm	2.0 x 10 ¹³
Dielectric Strength (S/T)	D149	Volts/mil	420
Miscellaneous			
Flammability	UL Subj. 94		HB @ 1.5 mm

