

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C, 3.20 mm, Injection Molded)	0.40 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ³			ASTM D638
Yield, 23°C, 3.20 mm, Injection Molded	50.0	MPa	
Tensile Elongation ³			ASTM D638
Break, 23°C, 3.20 mm, Injection Molded	> 20	%	
Flexural Modulus ⁴ (23°C, 6.40 mm, Injection Molded)	2350	MPa	ASTM D790
Flexural Strength ⁴ (23°C, 6.40 mm, Injection Molded)	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.40 mm, Injection Molded)	120	J/m	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C, Injection Molded)	107		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load ⁵			ASTM D648
1.8 MPa, Unannealed, 6.40 mm, Injection Molded	87.0	°C	
Vicat Softening Temperature	96.0	°C	ASTM D1525 ⁶