ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity [2]	1.02	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	11	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	37.0	MPa	
Tensile Elongation [3]			ASTM D638
Break, 23°C, 3.20 mm, Injection Molded	> 10	%	
Flexural Modulus [4] (23°C, 6.40 mm, Injection Molded)	1850	MPa	ASTM D790
Flexural Strength [4] (23°C, 6.40 mm, Injection Molded)	57.0	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
23°C, 3.20 mm, Injection Molded	480	J/m	
23°C, 6.40 mm, Injection Molded	440	J/m	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale, 23°C, Injection Molded)	92		ASTM D785
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load [5]			ASTM D648
1.8 MPa, Unannealed, 6.40 mm, Injection Molded	84.0	°C	
Vicat Softening Temperature	90.0	°C	ASTM D1525 [6]