

General		
Material Status	• Commercial: Active	
Availability	• Asia Pacific	
RoHS Compliance	• RoHS Compliant	

Physical	Nominal Value Unit	Test Method
Specific Gravity	1.09 g/cm ³	ASTM D792 ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	25 g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40 to 0.60 %	ASTM D955

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2540 MPa	ISO 527-2/1
Tensile Strength		
Yield ²	48.0 MPa	ASTM D638
Yield	54.0 MPa	ISO 527-2/50
Tensile Elongation		
Break ²	20 %	ASTM D638
Break	17 %	ISO 527-2/50
Flexural Modulus		
³	2160 MPa	ASTM D790
⁴	2260 MPa	ISO 178
Flexural Strength		
³	74.0 MPa	ASTM D790
⁴	77.0 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0 kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 12.7 mm)	110 J/m	ASTM D256

Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	115	ASTM D785

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load		
1.8 MPa, Unannealed, 6.40 mm	83.0 °C	ASTM D648
1.8 MPa, Unannealed	77.0 °C	ISO 75-2/A

Flammability	Nominal Value Unit	Test Method
Flame Rating - UL	HB	UL 94

Optical	Nominal Value Unit	Test Method
Transmittance (3000 µm)	88.0 %	ASTM D1003
Haze (3000 µm)	2.0 %	ASTM D1003

Notes

¹ Typical properties: these are not to be construed as specifications.

² 5.0 mm/min

³ 3.0 mm/min

⁴ 2.0 mm/min