

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, TD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Strength	312	MPa	ISO 527
Flexural modulus	19000	MPa	ISO 178
Flexural strength	400	MPa	ISO 178
Charpy impact strength, +23°C	58	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 122	-	ISO 2039-2
ASTM Data			
Tensile Modulus	24100	MPa	ASTM D 638
Tensile Strength	255	MPa	ASTM D 638
Flexural Modulus	19300	MPa	ASTM D 790
Flexural Strength	350	MPa	ASTM D 790
Rockwell Hardness	R 122	-	ASTM D 785
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	262	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	245	°C	ASTM D 648
Melting Temperature	262	°C	ASTM D 3418
Other properties			
Density	1270	kg/m ³	ISO 1183
Water Absorption, 24hr	0.7	%	ASTM D 570
Density	1270	kg/m ³	ASTM D 792

Characteristics

Special Characteristics
High impact or impact modified

Features
Creep Resistance

Applications
Automotive, Electrical and Electronical

Regional Availability
North America, Asia Pacific