

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	9	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Strength	85	MPa	ISO 527
Stress at break	2	MPa	ISO 527
Flexural modulus, 23°C	7500	MPa	ISO 178
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 80	-	ISO 2039-2
ASTM Data			
Tensile Strength	80	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	6600	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Rockwell Hardness	M 87	-	ASTM D 785
Izod Impact notched, 1/8 in	47	J/m	ASTM D 256
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	166	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	161	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.8	mm	-
Coefficient of Thermal Expansion, MD	60	E-6/K	ASTM D 696
DTUL @ 66 psi	164	°C	ASTM D 648
DTUL @ 264 psi	160	°C	ASTM D 648
Melting Temperature	166	°C	ASTM D 3418
Other properties			
Density	1430	kg/m ³	ISO 1183
Density	1430	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Regional Availability

North America, Asia Pacific

Special Characteristics

Increased electrical conductivity