

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	43	MPa	ISO 527
Strain at break	16	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Charpy notched impact strength, +23°C	27	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 100	-	ISO 2039-2
ASTM Data			
Tensile Strength	39	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	1810	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	343	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	157	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	83	E-6/K	ASTM D 696
DTUL @ 264 psi	84	°C	ASTM D 648
Other properties			
Density	1040	kg/m ³	ISO 1183
Density	1040	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa