

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	3920	MPa	ISO 527
Yield stress	55	MPa	ISO 527
Stress at break	55	MPa	ISO 527
Flexural modulus, 23°C	3850	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 117	-	ISO 2039-2
ASTM Data			
Flexural Modulus	4410	MPa	ASTM D 790
Flexural Strength	127	MPa	ASTM D 790
Rockwell Hardness	R 119	-	ASTM D 785
Izod Impact notched, 1/8 in	127	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	95	°C	ISO 75-1/-2
Vicat softening temperature, B	108	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
ASTM Data			
DTUL @ 264 psi	103	°C	ASTM D 648
Vicat Temperature	111	°C	ASTM D 1525
Other properties			
Density	1110	kg/m ³	ISO 1183
Density	1100	kg/m ³	ASTM D 792

Characteristics

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific