

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	42	MPa	ISO 527
Flexural modulus, 23°C	2350	MPa	ISO 178
Flexural strength	67	MPa	ISO 178
Izod notched impact strength, +23°C	26	kJ/m ²	ISO 180/1A
Rockwell hardness	R 107	-	ISO 2039-2
ASTM Data			
Tensile Strength	41.2	MPa	ASTM D 638
Flexural Modulus	2354	MPa	ASTM D 790
Flexural Strength	75.5	MPa	ASTM D 790
Rockwell Hardness	R 107	-	ASTM D 785
Izod Impact notched, 1/4 in	304	J/m	ASTM D 256
Thermal properties			
ISO Data			
Vicat softening temperature, B	89	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	84	°C	ASTM D 648
Vicat Temperature	89	°C	ASTM D 1525
Other properties			
Density	1040	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	40 - 80	°C	-
Injection pressure	70 - 110	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Features

High Gloss

Applications

General Purpose

Regional Availability

Asia Pacific