

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	28	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Melt Flow Index, MFI	28	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	55	MPa	ISO 527
Flexural modulus, 23°C	2550	MPa	ISO 178
Flexural strength	96	MPa	ISO 178
Izod notched impact strength, +23°C	451	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	R 118	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	55	MPa	ASTM D 638
Flexural Modulus	2551	MPa	ASTM D 790
Flexural Strength	96.1	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	451	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	106	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	106	°C	ASTM D 648
<b>Other properties</b>			
Density	1380	kg/m <sup>3</sup>	ISO 1183
Density	1380	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120 - 130	°C	-
Pre-drying - Time	4 - 8	h	-
Melt temperature	260 - 290	°C	-
Mold temperature	80 - 100	°C	-
Injection pressure	5 - 8	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant, Halogen-free

**Delivery form**

White

**Regional Availability**

Asia Pacific