

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5.5	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	36	MPa	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Flexural strength	54	MPa	ISO 178
Izod notched impact strength, +23°C	46	kJ/m ²	ISO 180/1A
Rockwell hardness	R 94	-	ISO 2039-2
ASTM Data			
Tensile Strength	35.8	MPa	ASTM D 638
Flexural Modulus	2060	MPa	ASTM D 790
Flexural Strength	62.8	MPa	ASTM D 790
Rockwell Hardness	R 94	-	ASTM D 785
Izod Impact notched, 1/4 in	451	J/m	ASTM D 256
Thermal properties			
ISO Data			
Vicat softening temperature, B	88	°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	85	°C	ASTM D 648
Vicat Temperature	88	°C	ASTM D 1525
Other properties			
Density	1030	kg/m ³	ASTM D 792
Processing Recommendation Extrusion			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	180 - 230	°C	-
Zone 1	70 - 80	°C	-
Zone 2	80 - 90	°C	-
Zone 3	90 - 110	°C	-

Characteristics

Processing

Other Extrusion

Regional Availability

Asia Pacific

Special Characteristics

High impact or impact modified