

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Strength	64	MPa	ISO 527
Flexural modulus, 23°C	2160	MPa	ISO 178
Flexural strength	103	MPa	ISO 178
Izod notched impact strength, +23°C	760	kJ/m ²	ISO 180/1A
Rockwell hardness	R 122	-	ISO 2039-2
ASTM Data			
Tensile Strength	63.8	MPa	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Rockwell Hardness	R 122	-	ASTM D 785
Izod Impact notched, 1/8 in	760	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	128	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	2.5	mm	-
Yellow Card available	yes	-	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	2.5	mm	-
DTUL @ 264 psi	128	°C	ASTM D 648
Optical properties			
ASTM Data			
Haze	2	%	ASTM D 1003
Light Transmittance	88	%	ASTM D 1003
Other properties			
Density	1200	kg/m ³	ISO 1183
Density	1200	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding, Sheet Extrusion

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant, Halogen-free, U.V. stabilized or stable to weather, Transparent