

Product Texts

This material is also produced by Toray Plastics (Malaysia).

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Strength	54	MPa	ISO 527
Strain at break	17	%	ISO 527
Flexural modulus, 23°C	2260	MPa	ISO 178
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 115	-	ISO 2039-2
ASTM Data			
Tensile Strength	48	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2160	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	108	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	77	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	83	°C	ASTM D 648

Optical properties

	Value	Unit	Test Standard
ISO Data			
Haze	2	-	ISO 14782

Other properties

	Value	Unit	Test Standard
Density	1090	kg/m ³	ISO 1183
Density	1090	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Transparent

Regional Availability

North America, Europe, Asia Pacific, South and Central America