

**Product Texts**

This material is produced by Toray Plastics (Malaysia).

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	48	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	57	MPa	ISO 527
Strain at break	16	%	ISO 527
Flexural modulus, 23°C	2580	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 115	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	51	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2550	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	167	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	69	J/m	ASTM D 256
Temperature	-30	°C	-

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	83	°C	ISO 75-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	70	E-6/K	ASTM D 696
DTUL @ 264 psi	87	°C	ASTM D 648

**Other properties**

	Value	Unit	Test Standard
Density	1050	kg/m <sup>3</sup>	ISO 1183
Density	1050	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Regional Availability**

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