

**Product Texts**

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

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	40	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	51	MPa	ISO 527
Strain at break	21	%	ISO 527
Flexural modulus, 23°C	2370	MPa	ISO 178
Charpy notched impact strength, +23°C	17	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 114	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	47	MPa	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	2350	MPa	ASTM D 790
Rockwell Hardness	R 114	-	ASTM D 785
Izod Impact notched, 1/8 in	196	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	108	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	81	°C	ISO 75-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	72	E-6/K	ASTM D 696
DTUL @ 264 psi	86	°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, Near East/Africa