

**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	34	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	43	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Charpy notched impact strength, +23°C	14	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 105	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	41	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	2230	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	74	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	2.5	mm	-
<b>ASTM Data</b>			
DTUL @ 264 psi	82	°C	ASTM D 648

**Other properties**

	Value	Unit	Test Standard
Density	1160	kg/m <sup>3</sup>	ISO 1183
Density	1160	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Additives**

Flame retarding agent

**Regional Availability**

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

**Special Characteristics**

Flame retardant