

Product Texts

This material is produced by Toray Plastics (Malaysia).

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	29	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Strength	44	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	2050	MPa	ISO 178
Charpy notched impact strength, +23°C	17	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 103	-	ISO 2039-2
ASTM Data			
Tensile Strength	42	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	76	°C	ISO 75-1/-2
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
ASTM Data			
DTUL @ 264 psi	84	°C	ASTM D 648

Other properties

	Value	Unit	Test Standard
Density	1140	kg/m ³	ISO 1183
Density	1140	kg/m ³	ASTM D 792

Characteristics**Additives**

Flame retarding agent

Regional Availability

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

Special Characteristics

Flame retardant