

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	240	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	57	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2180	MPa	ISO 178
Charpy notched impact strength, +23°C	60	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 114	-	ISO 2039-2

ASTM Data			
Tensile Strength	52	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2100	MPa	ASTM D 790
Rockwell Hardness	R 114	-	ASTM D 785
Izod Impact notched, 1/8 in	580	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	123	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	101	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	80	E-6/K	ASTM D 696
DTUL @ 264 psi	108	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ISO 1183
Density	1120	kg/m ³	ASTM D 792

Characteristics

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa