

Product Texts

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

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	16	cm ³ /10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	8.7	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	1	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Strength	58	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Charpy notched impact strength, +23°C	5.1	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	54	MPa	ASTM D 638
Elongation at Break	150	%	ASTM D 638
Flexural Modulus	2500	MPa	ASTM D 790
Flexural Strength	82	MPa	ASTM D 790
Izod Impact notched, 1/8 in	52	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	224	°C	ISO 11357-1/-3
ASTM Data			
Melting Temperature	224	°C	ASTM D 3418

Other properties

	Value	Unit	Test Standard
Density	1310	kg/m ³	ISO 1183
Intrinsic Viscosity	1.23	dl/g	-
Density	1310	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

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