

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	56.9	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at break	23.4	MPa	ISO 527
Strain at break	113	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Flexural strength	59.3	MPa	ISO 178
Izod notched impact strength, +23°C	35.9	kJ/m ²	ISO 180/1A
Izod notched impact strength	19.7	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-
ASTM Data			
Tensile Strength at Yield	57	MPa	ASTM D 638
Tensile Strength at Break	25	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Elongation at Break	113	%	ASTM D 638
Rockwell Hardness	R 115	-	ASTM D 785
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	68	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3	mm	-
Optical properties			
ASTM Data			
Haze	1	%	ASTM D 1003
Light Transmittance	88	%	ASTM D 1003
Other properties			
Value			
Density	1330	kg/m ³	ISO 1183
Density	1340	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Features

Copolymer

Regional Availability

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