

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Flexural modulus, 23°C	85	MPa	ISO 178
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Stress at 10% elongation	5.7	MPa	ISO 527
Stress at 100% elongation	12	MPa	ISO 527
Stress at 300% elongation	22	MPa	ISO 527
Stress at break TPE	39	MPa	ISO 527
Strain at break TPE	480	%	ISO 527
Compression set at 70 °C, 24h	48	%	ISO 815
Tear strength	86	kN/m	ISO 34-1
Shore D hardness	50	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	55	°C	ISO 75-1/-2

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 120	°C	-
Melt temperature	230 - 245	°C	-
Mold temperature	50 - 70	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 120	°C	-
Melt temperature	210 - 230	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

High impact or impact modified

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Certifications

Food contact

Regional Availability

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