

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	25.3	MPa	ISO 527
Stress at 100% elongation	4.3	MPa	ISO 527
Stress at 300% elongation	7.5	MPa	ISO 527
Strain at break TPE	800	%	ISO 527
Tear strength	80	kN/m	ISO 34-1
Abrasion resistance	30	mm ³	ISO 4649
Shore A hardness	81	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	60	°C	ISO 306

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	23	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.02	%	-
Mold temperature	35	°C	-
Feed temperature	175	°C	-
Zone 1	180	°C	-
Zone 2	185	°C	-
Nozzle temperature	190	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

U.V. stabilized or stable to weather, Translucent

Features

Color Stability

Regional Availability

North America, Europe