

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	18600	MPa	ASTM D 638
Tensile Strength	114	MPa	ASTM D 638
Elongation at Break	0.8	%	ASTM D 638
Compressive Strength	157	MPa	ASTM D 695
Flexural Modulus	12400	MPa	ASTM D 790
Flexural Strength	154	MPa	ASTM D 790
Izod Impact notched, 1/8 in	37	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	110	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	14	E-6/K	ASTM D 696
DTUL @ 264 psi	281	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.25	%	ASTM D 570
Density	1570	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	177	°C	-
Pre-drying - Time	3	h	-
Processing humidity	≤0.05	%	-
Mold temperature	199 - 216	°C	-
Zone 1	304	°C	-
Nozzle temperature	371	°C	-
Screw speed	50 - 100	rpm	-
Back pressure	6.89	MPa	-

Characteristics

Processing

Injection Molding, Profile Extrusion

Delivery form

Pellets

Additives

Lubricants

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Features

Creep Resistance, Tribologic Grade

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

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