

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	7450	MPa	ASTM D 638
Tensile Strength	81.4	MPa	ASTM D 638
Elongation at Break	1.9	%	ASTM D 638
Compressive Strength	99.3	MPa	ASTM D 695
Flexural Modulus	6830	MPa	ASTM D 790
Flexural Strength	131	MPa	ASTM D 790
Izod Impact notched, 1/8 in	48	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	160	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	3.6	E-6/K	ASTM D 696
DTUL @ 264 psi	279	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.18	%	ASTM D 570
Density	1560	kg/m <sup>3</sup>	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