

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	5900	MPa	ASTM D 638
Tensile Strength	117	MPa	ASTM D 638
Elongation at Yield	3.9	%	ASTM D 638
Elongation at Break	6.2	%	ASTM D 638
Flexural Modulus	5600	MPa	ASTM D 790
Flexural Strength	203	MPa	ASTM D 790
Izod Impact notched, 1/8 in	91	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	213	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1380	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4	h	-
Mold temperature	175 - 205	°C	-
Zone 1	365	°C	-
Zone 2	370	°C	-
Zone 3	375	°C	-
Nozzle temperature	380	°C	-

Characteristics

Processing

Injection Molding, Profile Extrusion

Delivery form

Pellets, Powder

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Features

Fatigue Resistance

Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance, Oil Resistance

Applications

Aircraft and Aerospace, Automotive, Chemical Process, Medical

Regional Availability

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