

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	33000	MPa	ASTM D 638
Tensile Strength	258	MPa	ASTM D 638
Elongation at Break	1.6	%	ASTM D 638
Flexural Modulus	30000	MPa	ASTM D 790
Flexural Strength	386	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	750	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1460	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

Special Characteristics

Flame retardant, Heat stabilized or stable to heat, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization, Gamma irradiation sterilization, Electron beam (e-beam) sterilization

Features

Fatigue Resistance

Chemical Resistance

General Chemical Resistance, Oil Resistance

Applications

Aircraft and Aerospace, Chemical Process, Medical

Regional Availability

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