

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	3.05	MPa	ASTM D 412
Modulus at 300% Elongation	1.42	MPa	ASTM D 412
Shore A Hardness	65	-	ASTM D 2240
Tear Strength	40.6	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	18	%	ASTM D 395
Tensile Strength at Break	7.06	MPa	ASTM D 412
Elongation at Break	630	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1000	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	51.7 - 60	°C	-
Pre-drying - Time	1 - 3	h	-
Melt temperature	193 - 232	°C	-
Mold temperature	12.8 - 43.3	°C	-
Zone 1	171 - 182	°C	-
Zone 2	182 - 221	°C	-
Zone 3	188 - 227	°C	-
Nozzle temperature	193 - 238	°C	-
Screw speed	50 - 100	rpm	-
Injection speed	12.7 - 102	mm/s	-
Back pressure	0 - 0.345	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

U.V. stabilized or stable to weather

Features

Soft Feel, Tribologic Grade

Chemical Resistance

General Chemical Resistance

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

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