

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.01	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 300% Elongation	1.13	MPa	ASTM D 412
Shore A Hardness	59	-	ASTM D 2240
Tear Strength	31.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	33	%	ASTM D 395
Tensile Strength at Break	4.5	MPa	ASTM D 412
Elongation at Break	560	%	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	900	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	21.1 - 32.2	°C	-
Zone 1	177 - 216	°C	-
Zone 2	182 - 221	°C	-
Zone 3	193 - 232	°C	-
Nozzle temperature	204 - 243	°C	-
Screw speed	75 - 125	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0.517 - 1.21	MPa	-
Holding pressure	0.621 - 2	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Transparent

Features

Soft Feel

Certifications

Food contact, US Pharmacopeia Class VI Approved

Applications

Electrical and Electronical, Medical

Regional Availability

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