

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	1.9	MPa	ASTM D 412
Modulus at 300% Elongation	0.88	MPa	ASTM D 412
Shore A Hardness	62	-	ASTM D 2240
Tear Strength	18.6	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	23	%	ASTM D 395
Tensile Strength at Break	2.76	MPa	ASTM D 412
Elongation at Break	350	%	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	1090	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	249 - 271	°C	-
Mold temperature	12.8 - 29.4	°C	-
Zone 1	182 - 204	°C	-
Zone 2	243 - 266	°C	-
Zone 3	249 - 271	°C	-
Nozzle temperature	254 - 277	°C	-
Screw speed	80 - 120	rpm	-
Injection speed	76.2 - 152	mm/s	-
Back pressure	0 - 0.552	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Features

Good Adhesion, Soft Feel

Applications

Electrical and Electronical

Regional Availability

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