

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	100	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.55	MPa	ASTM D 412
Modulus at 300% Elongation	1.11	MPa	ASTM D 412
Shore A Hardness	65	-	ASTM D 2240
Tear Strength	40.3	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	35	%	ASTM D 395
Tensile Strength at Break	7.64	MPa	ASTM D 412
Elongation at Break	710	%	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	1170	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	51.7 - 54.4	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	21.1 - 48.9	°C	-
Zone 1	163 - 185	°C	-
Zone 2	168 - 196	°C	-
Zone 3	177 - 210	°C	-
Nozzle temperature	177 - 210	°C	-
Screw speed	25 - 75	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0.172 - 0.345	MPa	-
Holding pressure	0.965 - 3.86	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Features

Good Adhesion

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

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