

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	60	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
<b>ASTM Data</b>			
Modulus at 100% Elongation	1.93	MPa	ASTM D 412
Modulus at 300% Elongation	1.13	MPa	ASTM D 412
Shore A Hardness	59	-	ASTM D 2240
Tear Strength	38.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	24	%	ASTM D 395
Tensile Strength at Break	6.58	MPa	ASTM D 412
Elongation at Break	650	%	ASTM D 412

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

Other properties	Value	Unit	Test Standard
Density	1050	kg/m <sup>3</sup>	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 - 188	°C	-
Zone 2	182 - 199	°C	-
Zone 3	188 - 210	°C	-
Nozzle temperature	193 - 216	°C	-
Screw speed	75 - 125	rpm	-
Injection speed	12.7 - 50.8	mm/s	-
Back pressure	0 - 0.552	MPa	-
Holding pressure	0.414 - 1.65	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