

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.013	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.14	MPa	ASTM D 412
Modulus at 300% Elongation	0.87	MPa	ASTM D 412
Shore A Hardness	60	-	ASTM D 2240
Tear Strength	24.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	17	%	ASTM D 395
Tensile Strength at Break	6.34	MPa	ASTM D 412
Elongation at Break	760	%	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	1180	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	15.6 - 37.8	°C	-
Zone 1	166 - 177	°C	-
Zone 2	177 - 188	°C	-
Zone 3	188 - 216	°C	-
Nozzle temperature	188 - 227	°C	-
Screw speed	40 - 100	rpm	-
Injection speed	25.4 - 76.2	mm/s	-
Back pressure	0 - 0.827	MPa	-
Holding pressure	0.724 - 1.86	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Features

Good Adhesion, Soft Feel

Certifications

Food contact, Food approval FDA 21 CFR

Applications

General Purpose, Sports Equipment

Regional Availability

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