

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	5.62	MPa	ASTM D 412
Modulus at 300% Elongation	2.21	MPa	ASTM D 412
Shore A Hardness	93	-	ASTM D 2240
Tear Strength	60.4	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	50	%	ASTM D 395
Tensile Strength at Break	10.7	MPa	ASTM D 412
Elongation at Break	610	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1170	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	15.6 - 37.8	°C	-
Zone 1	166 - 188	°C	-
Zone 2	177 - 188	°C	-
Zone 3	188 - 227	°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, Other Extrusion

Delivery form

Pellets, Black

Features

Good Adhesion

Applications

General Purpose, Sports Equipment

Regional Availability

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