

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.016	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.54	MPa	ASTM D 412
Modulus at 300% Elongation	1.28	MPa	ASTM D 412
Shore A Hardness	55	-	ASTM D 2240
Tear Strength	25.7	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	20	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	28	%	ASTM D 395
Tensile Strength at Break	3.7	MPa	ASTM D 412
Elongation at Break	350	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1010	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	12.8 - 32.2	°C	-
Zone 1	166 - 182	°C	-
Zone 2	193 - 216	°C	-
Zone 3	204 - 227	°C	-
Nozzle temperature	204 - 232	°C	-
Screw speed	80 - 120	rpm	-
Injection speed	12.7 - 63.5	mm/s	-
Back pressure	0 - 0.827	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Features

Tribologic Grade

Applications

Medical

Regional Availability

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