

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	7.25	MPa	ASTM D 412
Modulus at 300% Elongation	2.55	MPa	ASTM D 412
Shore A Hardness	88	-	ASTM D 2240
Tensile Strength at Break	9.03	MPa	ASTM D 412
Elongation at Break	700	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	880	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	204 - 227	°C	-
Mold temperature	12.8 - 32.2	°C	-
Zone 1	193 - 204	°C	-
Zone 2	199 - 216	°C	-
Zone 3	204 - 227	°C	-
Nozzle temperature	210 - 238	°C	-
Screw speed	50 - 100	rpm	-
Injection speed	25.4 - 76.2	mm/s	-
Back pressure	0 - 0.552	MPa	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

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