

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9	g/10min	ASTM D 1238
Temperature	224	°C	-
Load	8.7	kg	-
Mold Shrinkage, MD	0.0085	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Modulus at 100% Elongation	8.96	MPa	ASTM D 412
Modulus at 300% Elongation	17.2	MPa	ASTM D 412
Shore A Hardness	90	-	ASTM D 2240
Shore D Hardness	47	-	ASTM D 2240
Tear Strength	126	kN/m	ASTM D 624
Taber Abrasion Resistance	50	mg/1000 cycles	ASTM D 1044
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	40	%	ASTM D 395
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	155	E-6/K	ASTM D 696
Glass Transition Temperature	-34.4	°C	ASTM E 1356
Vicat Temperature	90	°C	ASTM D 1525
Other properties			
Density	1140	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific

Certifications

Food contact, Food approval FDA 21 CFR, Drinking water contact, Drinking water contact NSF 61