

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	45.9	MPa	ASTM D 638
Elongation at Break	340	%	ASTM D 638
Flexural Modulus	309.6	MPa	ASTM D 790
Modulus at 100% Elongation	24.1	MPa	ASTM D 412
Modulus at 300% Elongation	38.7	MPa	ASTM D 412
Shore D Hardness	65	-	ASTM D 2240
Tear Strength	171	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	66	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	93	%	ASTM D 395

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-40	°C	ASTM E 1356
Vicat Temperature	102	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Certifications

Food contact, Food approval FDA 21 CFR