

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	8.7	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	6.1	MPa	ASTM D 412
Modulus at 300% Elongation	10.3	MPa	ASTM D 412
Shore A Hardness	85	-	ASTM D 2240
Tear Strength	73.6	kN/m	ASTM D 624
Taber Abrasion Resistance	30	mg/1000 cycles	ASTM D 1044
Compression Set , 22 hr @ 73 °F	30	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	80	%	ASTM D 395

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	165	E-6/K	ASTM D 696
Glass Transition Temperature	-47	°C	ASTM E 1356
Vicat Temperature	81.7	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics

Features

Low Odor

Certifications

US Pharmacopeia Class VI Approved

Regional Availability

North America, Europe, Asia Pacific