

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8.3	g/10min	ASTM D 1238
Temperature	235	°C	-
Load	1	kg	-
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.011	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	7.79	MPa	ASTM D 638
Elongation at Break	750	%	ASTM D 638
Flexural Modulus	14.96	MPa	ASTM D 790
Modulus at 100% Elongation	1.79	MPa	ASTM D 412
Modulus at 300% Elongation	4.48	MPa	ASTM D 412
Shore A Hardness	53	-	ASTM D 2240
Tear Strength	28.4	kN/m	ASTM D 624
Taber Abrasion Resistance	0.192	mg/1000 cycles	ASTM D 1044
Gardner Impact	36.2	J	ASTM D 2794,4226,5420
Compression Set , 22 hr @ 73 °F	18.4	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	994	kg/m ³	ASTM D 792

Characteristics

Regional Availability

North America