

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	13	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	8.7	kg	-
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.007	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Flexural Modulus	89.63	MPa	ASTM D 790
Modulus at 100% Elongation	9.65	MPa	ASTM D 412
Modulus at 300% Elongation	21.4	MPa	ASTM D 412
Shore A Hardness	94	-	ASTM D 2240
Tear Strength	105	kN/m	ASTM D 624
Taber Abrasion Resistance	4	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
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	153	E-6/K	ASTM D 696
Glass Transition Temperature	-15	°C	ASTM E 1356
Vicat Temperature	80.6	°C	ASTM D 1525
<b>Other properties</b>			
Value	Unit	Test Standard	
Density	1220	kg/m <sup>3</sup>	ASTM D 792

## Characteristics

### Processing

Blow Molding

### Regional Availability

North America, Europe, Asia Pacific