

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Compression set at 23 °C, 24h	25	%	ISO 815
Compression set at 70 °C, 24h	43	%	ISO 815
Tear strength	80	kN/m	ISO 34-1
Abrasion resistance	25	mm ³	ISO 4649
ASTM Data			
Modulus at 100% Elongation	5.93	MPa	ASTM D 412
Modulus at 300% Elongation	11.6	MPa	ASTM D 412
Shore A Hardness	85	-	ASTM D 2240
Shore D Hardness	35	-	ASTM D 2240
Tear Strength	105	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	43	%	ASTM D 395
Tensile Strength	36.5	MPa	ASTM D 412
Elongation at Break	720	%	ASTM D 412
Other properties			
Density	1200	kg/m ³	ISO 1183
Density	1200	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Special Characteristics

Transparent

Regional Availability

North America, Europe, Asia Pacific, South and Central America