

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	49	g/10min	ASTM D 1238
Temperature	224	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.007	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Flexural Modulus	255.1	MPa	ASTM D 790
Modulus at 100% Elongation	20	MPa	ASTM D 412
Modulus at 300% Elongation	31	MPa	ASTM D 412
Shore A Hardness	65	-	ASTM D 2240
Tear Strength	263	kN/m	ASTM D 624
Taber Abrasion Resistance	120	mg/1000 cycles	ASTM D 1044
Compression Set , 22 hr @ 73 °F	30	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	40	%	ASTM D 395
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	120	E-6/K	ASTM D 696
Vicat Temperature	109	°C	ASTM D 1525
Other properties			
Density	1220	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific