

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	28	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	33	MPa	ASTM D 638
Elongation at Break	88	%	ASTM D 638
Flexural Modulus	1735	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Shore D Hardness	68	-	ASTM D 2240
Izod Impact notched, 1/8 in	25	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	570	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	90	E-6/K	ASTM D 696
DTUL @ 66 psi	116	°C	ASTM D 648
DTUL @ 264 psi	55	°C	ASTM D 648
Other properties			
Density	990	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Features

Homopolymer

Delivery form

Granules

Regional Availability

Asia Pacific