

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	5500	MPa	ASTM D 638
Tensile Strength at Yield	140	MPa	ASTM D 638
Tensile Strength at Break	139	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	11000	MPa	ASTM D 790
Flexural Strength	215	MPa	ASTM D 790
Rockwell Hardness	R 119	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	145	°C	ASTM D 648
DTUL @ 264 psi	140	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ASTM D 792

Characteristics

Features

Homopolymer

Regional Availability

North America