

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1600	MPa	ASTM D 638
Tensile Strength at Yield	39	MPa	ASTM D 638
Tensile Strength at Break	22	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Elongation at Break	55	%	ASTM D 638
Flexural Modulus	1600	MPa	ASTM D 790
Flexural Strength	46	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
DTUL @ 264 psi	56	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	905	kg/m ³	ASTM D 792

Characteristics

Features

Homopolymer

Regional Availability

North America