

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1700	MPa	ASTM D 638
Tensile Strength at Yield	40	MPa	ASTM D 638
Tensile Strength at Break	20	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	65	%	ASTM D 638
Flexural Modulus	1800	MPa	ASTM D 790
Flexural Strength	53	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	126	°C	ASTM D 648
DTUL @ 264 psi	61	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	910	kg/m ³	ASTM D 792

Characteristics

Features

Homopolymer

Regional Availability

North America