

Network Polymers SMMA MS 150

SMMA

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4.1	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2206	MPa	ASTM D 638
Tensile Strength	34.4	MPa	ASTM D 638
Elongation at Break	31	%	ASTM D 638
Flexural Modulus	1834	MPa	ASTM D 790
Shore D Hardness	75	-	ASTM D 2240
Izod Impact notched, 1/8 in	26.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	82.8	°C	ASTM D 648
Vicat Temperature	97.2	°C	ASTM D 1525
Other properties			
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1050	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America