

Network Polymers HDPE 50 0753

High Density Polyethylene

Network Polymers, Inc.

Message:

Network Polymers HDPE 50 0753 is a High Density Polyethylene product. It is available in North America. Typical application: Food Contact Applications. Primary characteristic: food contact acceptable.

General Information			
Features	Food Contact Acceptable		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	30.0	MPa	ASTM D638
Tensile Elongation ² (Break)	950	%	ASTM D638
Flexural Modulus ³	1240	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.1	°C	ASTM D746
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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