Technical Data Sheet

Petrothene NA967000

Low Density Polyethylene

Product Description

Petrothene NA967000 is a low density polyethylene resin selected by customers for blow molding applications. NA967000 exhibits good processing characteristics and impact strength.

Application	Bottles and Vials; Bottles For Consumer Goods; Bottles for Industrial Use; Clear Containers; Opaque Containers
Market	Rigid Packaging
Processing Method	Extrusion Blow Molding

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (190 °C/2.16 kg)	1.6	g/10 min	1.6	g/10 min	ASTM D1238
Base Resin Density, (23 °C)	0.919	g/cm³	0.919	g/cm³	ASTM D1505
Mechanical					
Tensile Strength at Break	1500	psi	10.3	MPa	ASTM D638
Tensile Elongation at Break	600	%	600	%	ASTM D638
Hardness					
Shore Hardness, (Shore D)	51		51		ASTM D2240
Thermal					
Vicat Softening Temperature	194	°F	90	°C	ASTM D1525
Low Temperature Brittleness, F_{50}	<-105	°F	<-76	°C	ASTM D746
Additive					
Slip	None		None		LYB Method
Antiblock	None		None		LYB Method