

ExxonMobil HD 9856BA Blow Molding Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

HD 9856BA is a HDPE blow molding resin designed for high performance packaging applications. Containers made from HD 9856BA exhibit a unique combination of stiffness and environmental stress cracking resistance. These properties, coupled with excellent processability on both continuous and intermittent equipment, afford significant lightweighting and/or fast cycling potential in many applications. HD 9856BA contains an antistat which may be used in contact with limited types of food. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-HD-9856BA-Blow-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.585 g/cc	0.0211 lb/in ³	
Density	0.957 g/cc	0.0346 lb/in ³	ASTM D4883
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	ASTM D1693
Melt Flow	0.46 g/10 min @Load 2.16 kg, Temperature 190 °C	0.46 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	24.1 MPa	3500 psi	ASTM D638
Tensile Strength, Yield	30.3 MPa	4400 psi	ASTM D638
Elongation at Break	1100 %	1100 %	ASTM D638
Elongation at Yield	7.5 %	7.5 %	ASTM D638
Flexural Modulus	1.48 GPa	215 ksi	1% Secant; ASTM D790
Tensile Impact Strength	263 kJ/m ²	125 ft-lb/in ²	ASTM D1822

Thermal Properties	Metric	English	Comments
Brittleness Temperature	>= -76.1 °C	>= -105 °F	ASTM D746

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China