ExxonMobil Signature Polymers

ExxonMobil™ ENBA900033

Ethylene n-Butyl Acrylate Copolymer

Product Description

ExxonMobil™ ENBA900033 is a very high flow, 32.5% nBA copolymer suitable for use in hot melt adhesives and sealants.

General

Availability [1]	▪ Asia Pacific ▪ Europe	▪ Latin America ▪ North America	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Hot Melt Adhesives	▪ Hot Melt Sealants	▪ Wax Blends
Form(s)	▪ Pellets		
Revision Date	▪ 01/01/2017		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.920	g/cm³	0.920	g/cm³	ASTM D1505
n-Butyl Acrylate Content	32.5	wt%	32.5	wt%	ExxonMobil Method
Peak Melting Temperature	144	°F	62	°C	ExxonMobil Method
Melt Viscosity (374°F (190°C))	8300	mPa·s	8300	mPa·s	ASTM D3236

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	140	psi	0.94	MPa	ASTM D638
Elongation at Break	70	%	70	%	ASTM D638
Flexural Modulus - 1% Secant	970	psi	6.7	MPa	ASTM D790
Durometer Hardness (Shore A, 15 sec)	40		40		ASTM D2240

Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

The test specimens were prepared using ASTM D4703, Procedure C.

Notes

Typical properties: these are not to be construed as specifications.

[1] Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

For additional technical, sales and order assistance: Contact Us

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