

ExxonMobil™ EnBA EN 33331

Ethylene n-Butyl Acrylate Copolymer Resin

Product Description

ExxonMobil EN 33331 is a very high flow, 32.5% nBA copolymer suitable for use in hot melt adhesives and sealants.

General

| | | | |
|---------------------------|--|--|---|
| Availability ¹ | <ul style="list-style-type: none"> Asia Pacific Europe | <ul style="list-style-type: none"> Latin America North America | |
| Additive | <ul style="list-style-type: none"> Antiblock: No | <ul style="list-style-type: none"> Slip: No | <ul style="list-style-type: none"> Thermal Stabilizer: Yes |
| Applications | <ul style="list-style-type: none"> Hot Melt Adhesives | <ul style="list-style-type: none"> Hot Melt Sealants | <ul style="list-style-type: none"> Wax Blends |
| Form(s) | <ul style="list-style-type: none"> Pellets | | |
| Revision Date | <ul style="list-style-type: none"> 01/01/2017 | | |

Resin Properties

| | Typical Value (English) | Typical Value (SI) | Test Based On |
|---|-------------------------|-------------------------|-------------------|
| Density | 0.923 g/cm ³ | 0.923 g/cm ³ | ASTM D1505 |
| Melt Index ² (190°C/2.16 kg) | 330 g/10 min | 330 g/10 min | ASTM D1238 |
| n-Butyl Acrylate Content | 32.5 wt% | 32.5 wt% | ExxonMobil Method |
| Peak Melting Temperature | 143 °F | 62 °C | ExxonMobil Method |

Molded Properties

| | Typical Value (English) | Typical Value (SI) | Test Based On |
|--------------------------------------|-------------------------|--------------------|---------------|
| Tensile Strength at Break | 190 psi | 1.3 MPa | ASTM D638 |
| Elongation at Break | 100 % | 100 % | ASTM D638 |
| Flexural Modulus - 1% Secant | 1000 psi | 7.1 MPa | ASTM D790 |
| Durometer Hardness (Shore A, 15 sec) | 54 | 54 | ASTM D2240 |

Legal Statement

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

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

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.

² Melt Index reported is an estimate based on ExxonMobil's correlation from melt flow rate data measured at other standard conditions.

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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