Formosa Industries

# Formolene® LJ2420B

## *Linear Low Density Polyethylene (LLDPE) Resin for Compounding*

Formolene® LJ2420B is a butene based compounding grade that is an excellent carrier resin for masterbatch formulations.

Formolene® LJ2420B meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

**Suggested Applications:**
Carrier resin for master batches

**Additives:**
Antioxidant - Yes

**Nominal Values**

| PROPERTY* | ASTM TEST METHOD | ENGLISH Unit | ENGLISH Value | SI Unit | SI Value |
|---|---|---|---|---|---|
| Density | D1505 | g/cc | 0.924 | g/cc | 0.924 |
| Melt Index, (190°C/2.16) | D1238 | g/10 min. | 20.0 | g/10 min. | 20.0 |
| **Molded Properties** | | | | | |
| Tensile Strength | | | | | |
| Yield | D638 | psi. | 2200 | MPa | 16 |
| Break | | psi. | 1300 | MPa | 9.2 |
| Tensile Elongation | | | | | |
| Break | D638 | % | 60 | % | 60 |
| Flexural Modulus – 1% Secant | D790 | psi. | 60000 | MPa | 410 |
| Durometer Hardness (Shore D, 15 sec) | D2240 | | 47 | | 47 |
| Notched Izod Impact | D256A | Ft-lb/in. | 29 | J/m | 29 |

Note: All properties were derived from compression molded specimens. Actual properties may vary depending on operating conditions and additive packages. Properties are not intended to be used as specifications.

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**Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (800) 363-1823 • Fax: (973) 716-7483**

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