



# 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		SI	
		Unit	Value	Unit	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
<b>Molded Properties</b>					
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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