



Formosa Plastics®

Formolene® HDPE

Formolene® LH5206

High Density Polyethylene
for Injection Molding Applications

Formolene® LH5206 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:

- Pails
- Lids

Nominal Physical Properties:

PROPERTY**	ASTM TEST METHOD	UNIT	VALUE
Typical Properties for LH5206:			
Melt Index	D1238	g/10 min.	6.5
Density	D1505	g/cm ³	0.952
Melting Point	DSC	°C	131
Tensile Strength at Yield	D638	psi.	4300
Ultimate Elongation	D638	%	1000
Izod Impact Strength	D256	ft.lb/in. 23°C	1.3
Hardness	D2240	Shore D	66
Flexural Modulus	D790	1000 psi.	155

Revised 6/00, Revised 8/10

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ISO 9001:2008
FS 70459
FM 31429



ISO 14001:2004
EMS 35710

