

Formolene® LH5214

High Density Polyethylene

Formosa Plastics Corporation, U.S.A.

Technical Data

Product Description

Formolene® LH5214 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
- Buckets
- Housewares
- Cartridges
- Closures
- Toys

General

Material Status	• Commercial: Active	
Literature ¹	• Technical Datasheet (English)	
Search for UL Yellow Card	• Formosa Plastics Corporation, U.S.A. • Formolene®	
Availability	• North America	
Features	• Food Contact Acceptable	
Uses	• Closures • Household Goods	• Pails • Toys
Agency Ratings	• EC 1907/2006 (REACH)	• FDA 21 CFR 177.1520
Processing Method	• Injection Molding	

Physical	Nominal Value Unit	Test Method
Density	0.952 g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	14 g/10 min	ASTM D1238

Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Yield)	27.1 MPa	ASTM D638
Flexural Modulus	1150 MPa	ASTM D790

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.