

Formolene® LH5214

High Density Polyethylene

Formosa Plastics Corporation, U.S.A.

Message:

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 Information			
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/cm ³	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

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