

Formolene® L62608

Linear Low Density Polyethylene
Formosa Plastics Corporation, U.S.A.

Message:

Formolene® L62608 is a linear low density grade made using gas-phase technology. The resin is designed for heavy duty bags and shipping sacks. Formolene® L62608 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.

General Information			
Additive	Antiblock		
Features	Low Density		
Uses	Heavy-duty Bags		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	ASTM D882
Tensile Strength			
MD : Break	32.4	MPa	
TD : Break	22.6	MPa	
Tensile Elongation			ASTM D882
MD : Break	490	%	
TD : Break	700	%	
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	250	g	
TD	650	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	25		ASTM D523
Haze	28	%	ASTM D1003
Additional Information		Nominal Value	
Blow-up Ratio	2.5:1		

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