

Premier HD00763

High Density Polyethylene

Premier Polymers, LLC.

Message:

Premier HD00763 is a high density polyethylene homopolymer used for blow molding applications where clarity and barrier properties are important, such as for food grade bottles and containers. 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			
Features	Food Contact Acceptable		
	High Density		
	Homopolymer		
Uses	Bottles		
	Containers		
	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.963	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal)	10.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.7	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790

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