

DOW™ LDPE 722S

Low Density Polyethylene Resin

The Dow Chemical Company

Message:

DOW™ LDPE 722S is a Low Density Polyethylene Resin material. It is available in Latin America.

Typical application of DOW™ LDPE 722S: Food Contact Applications

General Information			
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (vs. Itself - Dynamic)	0.60		ASTM D1894
Films	Nominal Value	Unit	Test Method
Seal Initiation Temperature (25 µm)	105	°C	Internal Method
Water Vapor Transmission Rate (25 µm)	0.67	g · mm/m ² /atm/24 hr	ASTM F1249
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	316 to 332	°C	
Minimum Coating Weight	13	g/m ²	Internal Method
Neck-in (321°C, 25.4 µm)	40.6	mm	Internal Method

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