

# DOW™ LLDPE 6500

Linear Low Density Polyethylene Resin

The Dow Chemical Company

## Message:

DOW™ LLDPE 6500 is a Linear Low Density Polyethylene Resin material. It is available in Latin America.

Typical application of DOW™ LLDPE 6500: Food Contact Applications

General Information			
Agency Ratings	EU No 10/2011 FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.927	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	47	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal)	0.500	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	12.0	MPa	
Break	9.00	MPa	
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus - 2% Secant	392	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	180 to 220	°C	
Mold Temperature	5.00 to 30.0	°C	

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## Recommended distributors for this material

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