

600C

Low Density Polyethylene
The Dow Chemical Company

Message:
DOW™ LDPE 600C is a Low Density Polyethylene Resin material. It is available in Latin America.
Typical application of DOW™ LDPE 600C: Food Contact Applications

General Information			
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	ASTM D882
Tensile Strength			
MD : Yield,38 µm	12.0	MPa	
TD : Yield,38 µm	12.0	MPa	ASTM D882
MD : Break, 38 µm	25.0	MPa	
TD : Break, 38 µm	25.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 38 µm	300	%	
TD : Break, 38 µm	600	%	
Dart Drop Impact (38 µm)	180	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 38 µm	250	g	
TD : 38 µm	100	g	
Extrusion	Nominal Value	Unit	
Melt Temperature	165	°C	

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Recommended distributors for this material

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