

Westlake LDPE EC812AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE low-density polyethylene EC812 is a natural low-density material with a 200 melt index. Its high melt index exhibits excellent wettability. This makes it ideal as a backing to carpet to bind the fibers to the carpet.

General Information			
Uses	Coating Applications		
	Household Goods		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Coating		
	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.909	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	200	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	6.20	MPa	ASTM D638
Tensile Elongation ² (Break)	100	%	ASTM D638
Flexural Modulus - 2% Secant ³	103	MPa	ASTM D790
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 to 166	°C	
NOTE			
1.	500 mm/min		
2.	500 mm/min		
3.	13 mm/min		

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Recommended distributors for this material

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