

Westlake LDPE EC800AA

Low Density Polyethylene
Westlake Chemical Corporation

Message:
WESTLAKE low-density polyethylene EC800 is a general-purpose low-density formulation used for extrusion coating applications.

General Information	
Uses	Coating Applications
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Coating Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ¹	200	MPa	ASTM D638
Tensile Strength ² (Break)	12.4	MPa	ASTM D638
Tensile Elongation ³ (Break)	500	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 to 166	°C	

NOTE	
1.	13 mm/min
2.	510 mm/min
3.	510 mm/min

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