

ADMER™ NF518E

Linear Low Density Polyethylene
Mitsui Chemicals Europe GmbH

Message:

ADMER® NF518E is a maleic anhydride grafted, LLDPE-based grade, which is designed for adhesion between PE and PA or EVOH in tube, sheet, blown and cast film and especially double-bubble applications.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
Uses	Adhesives		
	Blown Film		
	Cast Film		
	Film		
	Non-specific Food Applications		
	Sheet		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	44		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	6.90	MPa	
Break	14.0	MPa	
Tensile Elongation (Break)	> 500	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (Area)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	80.0	°C	ASTM D1525
Peak Melting Temperature	121	°C	ASTM D3418

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