

# ADMER™ NF358E

Low Density Polyethylene

Mitsui Chemicals Europe GmbH

## Message:

ADMER® NF358E is an maleic anhydride grafted, PE-LD-based tie resin developed for multilayer f'lm applications composed of PE, PA, EVOH or Aluminum. This grade can be blended with PE-LD, PE-LLD, PE-I—ID and EVA. Its superior adhesion performance and high transparency makes it the perfect choice for multilayer barrier films. Incorporating our advanced anhydride grafting technology, this grade has very low unreacted acid content, while maintaining the equivalent thermal stability of ordinary PE-LLD. The adhesion strength of NF358E can be adjusted by changing of the blend ratio in the range of 20% to 40%.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
	High Clarity		
Uses	Adhesives		
	Film		
	Food Service Applications		
	Non-specific Food Applications		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.6	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	8.00	MPa	
Break	15.0	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	82.0	°C	ASTM D1525

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