

ADMER™ NF642E

Linear Low Density Polyethylene
Mitsui Chemicals Europe GmbH

Message:

ADMER® NF642E is a maleic anhydride grafted, LLDPE-based adhesive concentrate. Used with a sufficient blending ratio, it offers strong adhesion performance between PE and PA or EVOH in multilayer blown & cast film, sheets and bottle applications.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
Uses	Adhesives		
	Blown Film		
	Cast Film		
	Film		
	Non-specific Food Applications		
	Sheet		
Agency Ratings	FDA 21 CFR 175.105		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	32.0	MPa	ASTM D638
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	92.0	°C	ASTM D1525
Peak Melting Temperature	108	°C	ASTM D3418

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Recommended distributors for this material

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