

ADMER™ NF530E

Linear Low Density Polyethylene
Mitsui Chemicals Europe GmbH

Message:

ADMER® NF530E is a maleic anhydride grafted PE-LLD- based adhesive designed as well for multilayer pipe composed of PE, PE-x, PE-RT and Aluminum as for PE-cast film and sheet with Polyamide or EVOH.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
Uses	Adhesives		
	Cast Film		
	Food Service Applications		
	Non-specific Food Applications		
	Piping		
	Sheet		
Agency Ratings	FDA 21 CFR 175.105		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	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			ASTM D638
Yield	9.80	MPa	
Break	21.0	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	90.0	°C	ASTM D1525
Peak Melting Temperature	124	°C	ASTM D3418

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