

ADMER™ GT6E

Linear Low Density Polyethylene
Mitsui Chemicals Europe GmbH

Message:

ADMER® GT6E is a maleic anhydride grafted, LLDPE-based adhesive designed for multilayer plastic fuel tanks (PFT) composed of PE, PA and EVOH. It offers advanced adhesion durability, fuel resistance and processability.

General Information			
Features	Durable		
	Food Contact Acceptable		
	Fuel Resistant		
	Good Adhesion		
	Good Processability		
Uses	Adhesives		
	Food Service Applications		
	Fuel Tanks		
	Non-specific Food Applications		
Agency Ratings	FDA 21 CFR 175.105		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	11.3	MPa	
Break	26.7	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	102	°C	ASTM D1525
Peak Melting Temperature	122	°C	ASTM D3418

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