

ADMER™ QE800E

Polypropylene Homopolymer
Mitsui Chemicals Europe GmbH

Message:

ADMER® QE800E is a maleic anhydride grafted, homo-PP based concentrate grade dedicated to be used as coupling agent and compatibilizer in compounds of PP, EVOH, PA, wood, paper and glass fibers. Added to the base polymer, it improves the mechanical properties of wood plastic composites, flame-retarded wire & cable compounds and injection molded parts.

General Information			
Features	Food Contact Acceptable		
Uses	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) (230°C/2.16 kg)	9.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	36.3	MPa	
Break	24.0	MPa	
Tensile Elongation (Break)	> 400	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (Area)	0.0400	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525

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Recommended distributors for this material

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