

ADMER™ QB510E

Polypropylene Homopolymer
Mitsui Chemicals Europe GmbH

Message:

ADMER® QB510E is a maleic anhydride grafted, homo-PP based standard adhesive for bottles, sheets and films composed of Polypropylene and EVOH or PA.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
	Homopolymer		
Uses	Adhesives		
	Bottles		
	Film		
	Food Service Applications		
	Non-specific Food Applications		
	Sheet		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	24.0	MPa	
Break	29.0	MPa	
Tensile Elongation (Break)	> 500	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (Area)	0.380	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	142	°C	ASTM D1525
Peak Melting Temperature	164	°C	ASTM D3418

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