

ADMER™ QB520E

Polypropylene Homopolymer

Mitsui Chemicals Europe GmbH

Message:

ADMER® QB520E is a maleic anhydride grafted, homo-PP based adhesive resin with a lower MFR for bottles, sheets, blown film and pipes composed of PP with EVOH or PA.

General Information			
Features	Food Contact Acceptable Good Adhesion		
Uses	Adhesives Blown Film Food Service Applications Non-specific Food Applications Piping Sheet		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	21.0	MPa	
Break	16.0	MPa	
Tensile Elongation (Break)	> 500	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (Area)	0.470	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	140	°C	ASTM D1525
Peak Melting Temperature	161	°C	ASTM D3418

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