

ADMER™ QF460E

Polypropylene
Mitsui Chemicals Europe GmbH

Message:

ADMER® QF460E is a maleic anhydride grafted, co-PP based tie resin, especially designed for multilayer pipes combining PP or PB with Aluminum, EVOH or PA.

General Information			
Features	Food Contact Acceptable		
Uses	Food Service Applications		
	Non-specific Food Applications		
	Piping		
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)	3.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	21.0	MPa	
Break	32.0	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	122	°C	ASTM D1525
Peak Melting Temperature	148	°C	ASTM D3418
Oxidation Induction Time (201°C)	44	min	ISO 11357-6

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

