

ALCUDIA® EVA PA-459

Ethylene Vinyl Acetate Copolymer
REPSOL

Message:

EVA resin ALCUDIA® PA-459 is especially suitable for semi-conductive compounds in medium voltage cable applications. It contains antioxidant and free flowing agent.

TYPICAL APPLICATIONS

Cable compounds

Recommended melt temperature below 200°C to avoid the decomposition of the polymer. Processing conditions should be optimised for each production line.

General Information			
Additive	Antioxidant		
	Free Flowing Agent		
Features	Antioxidant		
	Food Contact Acceptable		
Uses	Wire & Cable Applications		
Agency Ratings	EU Food Contact, Unspecified Rating		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.956	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ISO 1133
Vinyl Acetate Content	33.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	75		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	14.0	MPa	ISO 527-2
Tensile Strain (Break)	800	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	61.0	°C	
Ring and Ball Softening Point	127	°C	ASTM E28

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