

ALCUDIA® EVA PA-470

Ethylene Vinyl Acetate Copolymer
REPSOL

Message:

EVA resin ALCUDIA® PA-470 is recommended for adhesive formulations, sealants and solution coatings. It contains antioxidant and free flowing agent.

TYPICAL APPLICATIONS

Hot melt adhesives

Pressure sensitive adhesive coatings

Wood primers and sealers

Inks formulations

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
Uses	Adhesives
	Coating Applications
	Sealants

Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.969	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	55	g/10 min	ISO 1133
Vinyl Acetate Content	40.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	51		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	7.00	MPa	ISO 527-2
Tensile Strain (Break)	940	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	49.0	°C	
Ring and Ball Softening Point	107	°C	ASTM E28

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