

ALCUDIA® EVA PA-446

Ethylene Vinyl Acetate Copolymer
REPSOL

Message:

EVA resin ALCUDIA® PA-446 is a very low viscosity copolymer for hot melt adhesives applications. It contains antioxidant and free flowing agent.

TYPICAL APPLICATIONS

Hot Melt Adhesives

Packaging

Bookbinding

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		
	Low Viscosity		
Uses	Adhesives		
	Packaging		
Agency Ratings	EU Food Contact, Unspecified Rating		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.946	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	800	g/10 min	ISO 1133
Vinyl Acetate Content	28.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	69		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	3.00	MPa	ISO 527-2
Tensile Strain (Break)	680	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	69.0	°C	
Ring and Ball Softening Point	85	°C	ASTM E28
Brookfield Viscosity ¹ (200°C)	5.50	Pa · s	Internal Method
NOTE			
1.	Spindle SC4-27		

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