

# ALCUDIA® EVA PA-407

Ethylene Vinyl Acetate Copolymer  
REPSOL

Message:

EVA resin ALCUDIA® PA-407 is recommended for low viscosity hot melt adhesives applications. It contains antioxidant and free flowing agent.

TYPICAL APPLICATIONS

Low Viscosity Hot Melt Adhesives

Coatings

Mixtures with Bitumen

Viscosity Modification

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		
	Asphalt Modification		
	Coating Applications		
	Plastics Modification		
Agency Ratings	EU Food Contact, Unspecified Rating		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.937	g/cm <sup>3</sup>	ISO 1183
Vinyl Acetate Content	15.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	88		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	4.40	MPa	ISO 527-2
Tensile Strain (Break)	77	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	90.0	°C	
Ring and Ball Softening Point	101	°C	ASTM E28
Brookfield Viscosity <sup>1</sup> (190°C)	5.00	Pa · s	Internal Method
NOTE			
1.	Spindle SC4-27		

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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

