

**REPSOL
YPF****ALCUDIA®
EVA RESIN**

EVA ALCUDIA® PA-443

DESCRIPTION

EVA resin ALCUDIA® PA-443 is suitable for low viscosity hot melt adhesives applications. It contains antioxidant and free flowing agent.

There is the version EVA ALCUDIA® PA-443 FF to supply the resin in bulk

EVA ALCUDIA® PA-443 fulfils the food contact regulations in most countries. For further information or certificates, contact our Customer Service Offices.

APPLICATIONS

- Hot Melt Adhesives

- Packaging
- Bookbinding

Recommended melt temperature below 200°C to avoid the decomposition of the polymer

PROPERTIES	METHOD	UNIT	VALUE
General			
Melt Flow Rate (190°C, 2.16kg)	ISO 1133	g/10 min	400
Vinyl Acetate content	Internal	%	28
Density at 23 °C	ISO 1183	kg/m ³	950
Ring-ball softening point	ASTM E-28	°C	85
Melting point	Internal	°C	68
Viscosity*	Internal		
- Blend 50:50 PA-443/wax at 175°C		Cp	1190
- Blend 50:50 PA-443/wax at 200°C		Cp	700
Mechanical			
Tensile stress at break	ISO 527-2	MPa	3
Elongation at break	ISO 527-2	%	600
Shore A hardness	ISO 868	--	71

* Viscosity has been measured in a Brookfield viscosimeter with a paraffin wax of melting point 68°C

STORAGE

EVA ALCUDIA® PA-443 should be stored in a dry atmosphere paved, drained and not flooded area at temperatures under 40°C to avoid pellets agglomeration and protected from UV radiation. Storage under improper conditions could trigger off degradation processes, negatively influencing processability and the properties of the transformed product.

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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

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