



EVA ALCUDIA® PA-440

EVA resin ALCUDIA® PA-440 is recommended for hot melt adhesives applications, injection moulding and extrusion of profiles. It contains antioxidant and free flowing agent.

TYPICAL APPLICATIONS

- Injection moulding. Release agents containing silicone must be avoided.
- Hot Melt Adhesives
 - Packaging
 - Edge veneering
 - Shoe industry
- Manufacture of masterbatches
- Microcellular foams
- Manufacture of sonic damping sheets

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

PROPERTIES	VALUE	UNIT	TEST METHOD
General			
Melt flow rate (190°C, 2.16kg)	7.0	g/10 min	ISO 1133
Vinyl acetate content	28	%	Internal
Density at 23 °C	950	kg/m ³	ISO 1183
Ring-ball softening point	142	°C	ASTM E-28
Melting point	71	°C	Internal
Viscosity Brookfield 200°C (Spindle SC4-27)	1770000	cP	Internal
Mechanical			
Tensile strength at break	22	MPa	ISO 527-2
Elongation at break	760	%	ISO 527-2
Shore A hardness	80	-	ISO 868
Shore D hardness	28	-	ISO 868

EVA ALCUDIA® PA-440 complies with the European Directives regarding materials intended for contact with foodstuffs. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

STORAGE

EVA ALCUDIA® PA-440 should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 40°C and protected from UV radiation. Storage under inappropriate conditions could initiate degradation processes which may have a negative influence on the processability and the properties of the transformed product.

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