

EVATHENE® UE653-04

Ethylene Vinyl Acetate Copolymer

USI Corporation

Message:

EVATHENE UE653-04 is a high flowability and high VA content ethylene vinyl acetate copolymer (EVA) with many excellent properties, such as characteristic flexibility and elasticity, thermal stability, good low temperature resistance, good compatibility and non-toxicity, etc. It possesses excellent heat stability, flexibility and good compatibility with tackifier resins and petroleum wax. The characteristics stated make EVATHENE UE653-04 to be the popular one of EVA for making hot melt.

The hot melt made by EVATHENE UE653-04 adheres with other materials which possess good adhesive strength, easy coating and non-solvent fit the request of environment protection and the hot melt is suitable for packaging, wood-working and other product assemblies.

General Information

Features	Low temperature strength High elasticity Copolymer Anti-caking property Good flexibility High liquidity Thermal stability, good Compliance of Food Exposure Non-toxic
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Uses	Packaging Adhesive
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Processing Method	Heat Reactive Adhesive Hot Melt
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Physical	Nominal Value	Unit	Test Method
Density	0.942	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	400	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2.75	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -30.0	°C	ASTM D746
Vicat Softening Temperature	37.0	°C	ASTM D1525
Peak Melting Temperature	65.0	°C	ASTM D3418

Additional Information

Ring & Ball Softening Point, ASTM E28: 80°C

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Recommended distributors for this material

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