

EVATHENE® UE638-04

Ethylene Vinyl Acetate Copolymer

USI Corporation

Message:

EVATHENE UE638-04 is an EVA copolymer which possesses super characteristics, included: flexibility and elasticity, excellent adhesion, good low temperature resistance, good compatibility, thermal stability and non-toxicity.

Applications:

Hot melt adhesives

Injection molding

Modifying other materials

General Information			
Features	Low temperature strength		
	High elasticity		
	Copolymer		
	Good flexibility		
	Good adhesion		
	Thermal stability, good		
	Non-toxic		
Uses	Adhesive		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR)	18	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12.3	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	45.0	°C	ASTM D1525
Peak Melting Temperature	72.0	°C	ASTM D3418
Additional Information			

Ring & Ball Softening Point, ASTM E28: 125°C

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Recommended distributors for this material

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