

EVATHENE® UE654-04

Ethylene Vinyl Acetate Copolymer

USI Corporation

Message:

EVATHENE UE654-04 is an ethylene-vinyl acetate copolymer (EVA) which possesses super characteristics, included: flexibility and elasticity, excellent adhesion, good low temperature resistance, good compatibility, greater solubility in organic solvents than other Evathene resins.

Applications:

- Hot melt adhesives
- Wire and cable compounds
- General compounding

General Information			
Features	Low temperature strength		
	High elasticity		
	Copolymer		
	Good flexibility		
	Good adhesion		
Uses	Wire and cable applications		
	Composite		
	Adhesive		
Processing Method	Heat Reactive Adhesive		
	Hot Melt		
	Composite		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	30	g/10 min	ASTM D1238
Vinyl Acetate Content	32.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	70.0	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	68.0	°C	ASTM D3418
Additional Information			
Ring & Ball Softening Point, ASTM E28: 105°C			

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