

EVATHENE® UE612-04

Ethylene Vinyl Acetate Copolymer

USI Corporation

Message:

EVATHENE UE612-04 is an ethylene-vinyl acetate copolymer (EVA) which possesses superb characteristics, included: flexibility , excellent adhesion, good low temperature resistance, good compatibility, thermal stability and non-toxicity.

General Information			
Features	Low temperature strength Copolymer Good flexibility Good adhesion Thermal stability, good Non-toxic		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	150	g/10 min	ASTM D1238
Vinyl Acetate Content	19.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	5.39	MPa	ASTM D638
Tensile Elongation (Break)	630	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -40.0	°C	ASTM D746
Vicat Softening Temperature	47.0	°C	ASTM D1525
Peak Melting Temperature	82.0	°C	ASTM D3418
Additional Information			
Ring & Ball Softening Point, ASTM E28: 98°C			

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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