

Evatane® 28-800

Ethylene Vinyl Acetate Copolymer

Arkema

Message:

EVATANE® 28-800 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerization process. The high Vinyl Acetate content of EVATANE® 28-800 brings softness, flexibility and polarity. EVATANE® 28-800 is compatible with most tackifying resins and waxes. Combined with a high fluidity, it is an efficient and easy handling product for hot melt adhesives formulations. EVATANE® 28-800 delivers high cohesive strength with most fillers and may be used to produce masterbatches. It can also be used as a viscosity modifier for various EVA based compounds such as HFFR formulations for wires and cables.

General Information			
Features	Good Flexibility		
	High Flow		
	Random Copolymer		
	Soft		
Uses	Adhesives		
	Masterbatch		
	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	700 to 900	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	30.0 to 32.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.00	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	400 to 600	%	ASTM D638, ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	< 40.0	°C	ISO 306/A, ASTM D1525 ¹
Melting Temperature	63.0	°C	ISO 11357-3
Ring and Ball Softening Point ²	80	°C	ASTM E28
NOTE			
1.	Loading 1 (10 N)		
2.	NF EN 1238		

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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

