

Evatane® 33-400

Ethylene Vinyl Acetate Copolymer

Arkema

Message:

EVATANE® 33-400 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerization process. The high Vinyl Acetate content of EVATANE® 33-400 brings softness, flexibility and polarity. EVATANE® 33-400 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.

General Information			
Features	Good Flexibility		
	High Flow		
	Random Copolymer		
	Soft		
Uses	Adhesives		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	350 to 450	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	32.0 to 34.0	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)	4.00	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	84	°C	ASTM E28
NOTE			
1.	Loading 1 (10 N)		
2.	NF EN 1238		

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