

Evatane® 40-55

Ethylene Vinyl Acetate Copolymer

Arkema

Message:

EVATANE® 40-55 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerization process.

The high Vinyl Acetate content of EVATANE® 40-55 brings softness, flexibility, polarity and high solubility. EVATANE® 40-55 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® 40-55 can also be used in solvent base adhesives, inks formulation and for making foams (shoe industry).

General Information			
Features	Good Flexibility High Flow Random Copolymer Soft		
Uses	Adhesives Foam Printing Ink		
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)	48 to 62	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	38.0 to 41.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	7.00	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	900 to 1100	%	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	55.0	°C	ISO 11357-3
Ring and Ball Softening Point ²	97	°C	ASTM E28
NOTE			
1.	Loading 1 (10 N)		
2.	NF EN 1238		

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