

Evatane® 20-20

Ethylene Vinyl Acetate Copolymer

Arkema

Message:

EVATANE® 20-20 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerization process.

The high Vinyl Acetate content of EVATANE® 20-20 brings softness, flexibility and polarity. EVATANE® 20-20 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® 20-20 can also be used as an additive for crude oil (pour point depressant) and for bitumen modification.

General Information			
Features	Good Flexibility		
	Random Copolymer		
	Soft		
Uses	Adhesives		
	Asphalt Modification		
	Oil/Gas Applications		
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)	17 to 23	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	19.0 to 21.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	89		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.0	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	46.0	°C	ISO 306/A, ASTM D1525 ¹
Melting Temperature	83.0	°C	ISO 11357-3
Ring and Ball Softening Point ²	127	°C	ASTM E28
NOTE			
1.	Loading 1 (10 N)		
2.	NF EN 1238		

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