

# Evatane® 28-03

Ethylene Vinyl Acetate Copolymer

Arkema

## Message:

EVATANE® 28-03 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerization process.

The high Vinyl Acetate content of EVATANE® 28-03 brings softness, flexibility and polarity. EVATANE® 28-03 delivers high cohesive strength with most fillers and can be used to produce masterbatches or HFFR compounds. EVATANE® 28-03 is also suitable for film (cast or blown) extrusion, and exhibits good adhesion onto PE, PS and polyesters. EVATANE® 28-03 can also be used for making foams (shoe industry), as an additive for crude oil (pour point depressant).

General Information			
Features	Good Adhesion		
	Good Flexibility		
	Random Copolymer		
	Soft		
Uses	Blown Film		
	Cast Film		
	Foam		
	Masterbatch		
	Oil/Gas Applications		
Forms	Pellets		
Processing Method	Blown Film		
	Casting		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.950	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0 to 4.5	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	26.0 to 28.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	26.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	700 to 1000	%	ASTM D638, ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	41.0	°C	ISO 306/A, ASTM D1525 <sup>1</sup>
Melting Temperature	76.0	°C	ISO 11357-3
Ring and Ball Softening Point <sup>2</sup>	166	°C	ASTM E28
NOTE			
1.	Loading 1 (10 N)		

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