

Product Description

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

The High Vinyl Acetate content of EVATANE® 28-03 brings softness, flexibility and polarity. EVATANE® 28-03 is compatible with tackifying resins and waxes. It's a useful product for hot melt adhesives formulation. EVATANE® 28-03 delivers high cohesive strength with any kind of fillers (masterbatchs, HFFR compounds, sound dampening). EVATANE® 28-03 is also very well adapted for the production of cast or blown films.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	• South America
Additive	• Antioxidant		
Features	• Antioxidant • Good Flexibility		
Forms	• Pellets		
Processing Method	• Blown Film	• Casting	

Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0 to 4.5	g/10 min	ASTM D1238
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
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		ASTM D2240 ISO 868
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	41.0	°C	ASTM D1525 ISO 306
Melting Temperature	76.0	°C	DSC

Additional Information

Vinyl Acetate Content, FTIR (internal): 26-28%wt.
 Ring & Ball Temp, ASTM E28: 166°C
 Max Melt Temp:<230°C

Notes

¹ Typical properties: these are not to be construed as specifications.