

# Evatane® 18-150

Ethylene Vinyl Acetate Copolymer

Arkema

## Message:

EVATANE® 18-150 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process.

The high Vinyl Acetate content of EVATANE® 18-150 brings softness, flexibility and polarity. EVATANE® 18-150 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 formulation. It can also be used as an additive for crude oil (pour point depressant), bitumen modification and cables compounds.

## General Information

Features	Good Flexibility
	High Flow
	Random Copolymer
	Soft
Uses	Adhesives
	Asphalt Modification
	Oil/Gas Applications
	Wire & Cable Applications

Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.940	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	140 to 180	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	17.0 to 19.0	wt%	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240, ISO 868

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	300 to 500	%	ASTM D638, ISO 527-2

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	43.0	°C	ISO 306/A, ASTM D1525 <sup>1</sup>
Melting Temperature	88.0	°C	ISO 11357-3
Ring and Ball Softening Point <sup>2</sup>	102	°C	ASTM E28

## NOTE

1.	Loading 1 (10 N)
2.	NF EN 1238

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

