

## Evonik Corporation VESTOPLAST® 750 Amorphous Polyalphaolefin

Category : Polymer , Thermoplastic , Polyalphaolefin

### Material Notes:

VESTOPLAST 750 is a amorphous polyalphaolefin and propene-rich. Generally used as hot melt adhesives with good tear strength for the hygiene sector.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Evonik-Corporation-VESTOPLAST-750-Amorphous-Polyalphaolefin.php](http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTOPLAST-750-Amorphous-Polyalphaolefin.php)

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in <sup>3</sup>	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Viscosity	40000 - 60000 cP	40000 - 60000 cP	melt, rotational viscometer; DIN 53 019
	@Temperature 190 °C	@Temperature 374 °F	
Molecular Weight	18100 g/mol	18100 g/mol	Mn; GPC
	92000 g/mol	92000 g/mol	Mw; GPC

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	DIN 53 505
Tensile Strength at Break	5.00 MPa	725 psi	DIN EN ISO 527-3
Elongation at Break	1000 %	1000 %	DIN EN ISO 527-3
Shear Modulus	0.0140 GPa	2.03 ksi	DIN EN ISO 6721-2
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Penetration	11 - 17	11 - 17	needle 100/25/5; DIN 52 010
	@Thickness 0.100 mm	@Thickness 0.00394 in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 - 80.0 °C	167 - 176 °F	under load 5 °C/h, weight 450g; Degussa Method
Glass Transition Temp, Tg	-33.0 °C	-27.4 °F	DSC
Ring & Ball Softening Point	103 - 111 °C	217 - 232 °F	DIN 52 011

Descriptive Properties	Value	Comments
Open Time (sec)	50	Degussa Method

Setting Time (sec) Descriptive Properties	Value	Request Method Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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