

## Evonik Corporation VESTOPLAST® 751 Amorphous Polyalphaolefin

Category : Polymer , Thermoplastic , Polyalphaolefin

### Material Notes:

VESTOPLAST 751 is a amorphous polyalphaolefin and propene-rich. Generally used as hot melt adhesives for the hygiene sector and hot melt pressure-sensitive adhesives.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Evonik-Corporation-VESTOPLAST-751-Amorphous-Polyalphaolefin.php](http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTOPLAST-751-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	8800 g/mol	8800 g/mol	Mw; GPC
	18800 g/mol	18800 g/mol	Mn; GPC

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	43	43	DIN 53 505
Tensile Strength at Break	1.50 MPa	218 psi	DIN EN ISO 527-3
Elongation at Break	1000 %	1000 %	DIN EN ISO 527-3
Shear Modulus	0.00200 GPa	0.290 ksi	DIN EN ISO 6721-2
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Penetration	22 - 28	22 - 28	needle 100/25/5; DIN 52 010
	@Thickness 0.100 mm	@Thickness 0.00394 in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 - 65.0 °C	140 - 149 °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	95.0 - 103 °C	203 - 217 °F	DIN 52 011

Descriptive Properties	Value	Comments
Open Time (sec)	1800	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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