

Evonik Corporation VESTOPLAST® 708 Amorphous Polyalphaolefin

Category : Polymer , Thermoplastic , Polyalphaolefin

Material Notes:

VESTOPLAST 708 is a amorphous polyalphaolefin and propene-rich. Generally used as hot melt adhesives for the hygiene sector, paper lamination, and carpet tuft anchorage.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTOPLAST-708-Amorphous-Polyalphaolefin.php

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in ³	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Viscosity	6000 - 10000 cP	6000 - 10000 cP	melt, rotational viscometer; DIN 53 019
	@Temperature 190 °C	@Temperature 374 °F	
Molecular Weight	11500 g/mol	11500 g/mol	Mn; GPC
	75000 g/mol	75000 g/mol	Mw; GPC

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67	67	DIN 53 505
Tensile Strength at Break	1.00 MPa	145 psi	DIN EN ISO 527-3
Elongation at Break	330 %	330 %	DIN EN ISO 527-3
Shear Modulus	0.00400 GPa	0.580 ksi	DIN EN ISO 6721-2
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Penetration	16 - 22	16 - 22	needle 100/25/5; DIN 52 010
	@Thickness 0.100 mm	@Thickness 0.00394 in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 - 75.0 °C	158 - 167 °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	102 - 110 °C	216 - 230 °F	DIN 52 011

Descriptive Properties	Value	Comments
Open Time (sec)	55	Degussa Method

Setting Time (sec) Descriptive Properties	Value	Request Method Comments
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