

Evonik Corporation VESTOPLAST® 608 Amorphous Polyalphaolefin

Category : Polymer , Thermoplastic , Polyalphaolefin

Material Notes:

VESTOPLAST 608 is a amorphous polyalphaolefin and butene-rich. Generally used as hot melt adhesives for paper lamination and structural bonding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTOPLAST-608-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 - 12000 cP	6000 - 12000 cP	melt, rotational viscometer; DIN 53 019
	@Temperature 190 °C	@Temperature 374 °F	
Molecular Weight	12300 g/mol	12300 g/mol	Mn; GPC
	46000 g/mol	46000 g/mol	Mw; GPC

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	DIN 53 505
Tensile Strength at Break	1.50 MPa	218 psi	DIN EN ISO 527-3
Elongation at Break	480 %	480 %	DIN EN ISO 527-3
Shear Modulus	0.0110 GPa	1.60 ksi	DIN EN ISO 6721-2
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Penetration	15 - 21	15 - 21	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	-32.0 °C	-25.6 °F	DSC
Ring & Ball Softening Point	153 - 161 °C	307 - 322 °F	DIN 52 011

Descriptive Properties	Value	Comments
Open Time (sec)	180	Degussa Method

Setting Time (sec) Descriptive Properties	Value	Request Method Comments
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