

Evonik Corporation VESTOPLAST® 408 Amorphous Polyalphaolefin

Category : Polymer , Thermoplastic , Polyalphaolefin

Material Notes:

VESTOPLAST 408 is a amorphous polyalphaolefin and butene-rich. Generally used as hot melt adhesives with high thermal stability under load for textile bonding and structural bonding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTOPLAST-408-Amorphous-Polyalphaolefin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 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	11600 g/mol	11600 g/mol	Mn; GPC
	48000 g/mol	48000 g/mol	Mw; GPC

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	94	94	DIN 53 505
Tensile Strength at Break	6.80 MPa	986 psi	DIN EN ISO 527-3
Elongation at Break	80 %	80 %	DIN EN ISO 527-3
Shear Modulus	0.0700 GPa	10.2 ksi	DIN EN ISO 6721-2
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Penetration	3.0 - 7.0	3.0 - 7.0	needle 100/25/5; DIN 52 010
	@Thickness 0.100 mm	@Thickness 0.00394 in	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 - 105 °C	212 - 221 °F	under load 5 °C/h, weight 450g; Degussa Method
Glass Transition Temp, Tg	-27.0 °C	-16.6 °F	DSC
Ring & Ball Softening Point	114 - 122 °C	237 - 252 °F	DIN 52 011

Descriptive Properties	Value	Comments
Open Time (sec)	65	Degussa Method

Setting Time (sec) Descriptive Properties	Value	Request Method Comments
--	-------	----------------------------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China