

Covestro Desmopan® DP 9650DU Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Extrusion- and injection molding grade with special UV stabilizer transparent up to 6 mm wall thickness very good hydrolysis and microbial resistance
 Application Ski boot shells Hoses non-reinforced
 As of 1 September 2015, Bayer Material Science was separated from Bayer AG and officially adopted its new name – Covestro.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Desmopan-DP-9650DU-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	Melt

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	96	96	3s; ISO 868
Hardness, Shore D	53	53	15s; ISO 868
Abrasion	25	25	mm ³ ; ISO 4649
Compression Set	23 %	23 %	ISO 815
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	45 %	45 %	ISO 815
	@Temperature 70.0 °C	@Temperature 158 °F	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.70 J/g-°C	0.406 BTU/lb-°F	Melt
Thermal Conductivity	0.133 W/m-K	0.923 BTU-in/hr-ft ² -°F	Melt

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	215 - 235 °C	419 - 455 °F	
Mold Temperature	20.0 - 40.0 °C	68.0 - 104 °F	
Ejection Temperature	50.0 °C	122 °F	

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	India	
	Near East/Africa	
	South and Central America	
Eff. thermal diffusivity (m ² /s)	8E-08	

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