

Covestro Desmopan® DP 2590A Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Extrusion- and injection molding grades do not contain any anti-hydrolysis agent. Food contact applications are possible. Contact our HSEQ department. Application: Blown films, Preprocessing. Max. Water content

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Desmopan-DP-2590A-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	Melt
	1.21 g/cc	0.0437 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92	92	3s; ISO 868
Abrasion	60	60	mm ³ ; ISO 4649
Compression Set	24 %	24 %	ISO 815
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	53 %	53 %	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	0.139 W/m-K	0.965 BTU-in/hr-ft ² -°F	Melt

Processing Properties	Metric	English	Comments
Melt Temperature	210 - 230 °C	410 - 446 °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	

Descriptive Properties	Value ^{East/Africa}	Comments
	South and Central America	
Eff. thermal diffusivity (m ² /s)	8E-08	

Contact Songhan Plastic Technology Co.,Ltd.

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