

## Covestro Desmopan® DP 2586A Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

### Material Notes:

Extrusion- and injection molding gradedoes not contain any anti-hydrolysis agentfood contact applications are possiblecontact our HSEQ departmentBeadsApplicationBlown filmsPreprocessingMax. Water content

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Covestro-Desmopan-DP-2586A-Polyurethane.php](http://www.lookpolymers.com/polymer_Covestro-Desmopan-DP-2586A-Polyurethane.php)

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in <sup>3</sup>	Melt
	1.19 g/cc	0.0430 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	3s; ISO 868
Hardness, Shore D	38	38	15s; ISO 868
Abrasion	32	32	mm <sup>3</sup> ; 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	0.138 W/m-K	0.958 BTU-in/hr-ft <sup>2</sup> -°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	

Descriptive Properties	Value	Comments
	Near East/Africa	
	South and Central America	
Eff. thermal diffusivity (m <sup>2</sup> /s)	8.04E-08	

## Contact Songhan Plastic Technology Co.,Ltd.

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