

## Covestro Desmopan® DP 8785A S043 Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

### Material Notes:

injection molding gradewith special UV stabilizersexcellent abrasion resistanceEasy releaseshort cycle timesApplicationSports shoe solesPreprocessingMax. Water content

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Covestro-Desmopan-DP-8785A-S043-Polyurethane.php](http://www.lookpolymers.com/polymer_Covestro-Desmopan-DP-8785A-S043-Polyurethane.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	3s; ISO 868
Hardness, Shore D	33	33	15s; ISO 868
Tensile Strength at Break	45.0 MPa	6530 psi	ISO 527-1/-2
Tensile Strength, Yield	45.0 MPa	6530 psi	parallel; ISO 527-3
	5.00 MPa	725 psi	ISO 527-1/-2
	@Strain 100 %	@Strain 100 %	
	14.0 MPa	2030 psi	ISO 527-1/-2
	@Strain 300 %	@Strain 300 %	
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Abrasion	18	18	mm <sup>3</sup> ; ISO 4649
Compression Set	15 %	15 %	ISO 815
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	42 %	42 %	ISO 815
	@Temperature 70.0 °C	@Temperature 158 °F	

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	India	
	Near East/Africa	

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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