

## Covestro Desmopan® DP 8417 Polyurethane + ABS

Category : Polymer , Thermoplastic , ABS Polymer , ABS/Polyurethane Alloy , Polyurethane, TP

**Material Notes:**

injection molding grademodified with ABSgood low-temperature flexibilitygood wear resistanceApplicationSki boot shellsAs of 1 September 2015, Bayer MaterialScience 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-8417-Polyurethane-ABS.php](http://www.lookpolymers.com/polymer_Covestro-Desmopan-DP-8417-Polyurethane-ABS.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	98	98	3s; ISO 868
Hardness, Shore D	68	68	15s; ISO 868
Tensile Strength at Break	67.0 MPa	9720 psi	ISO 527-1/-2
Tensile Strength, Yield	67.0 MPa	9720 psi	parallel; ISO 527-3
	31.0 MPa	4500 psi	ISO 527-1/-2
	@Strain 100 %	@Strain 100 %	
	48.0 MPa	6960 psi	ISO 527-1/-2
	@Strain 300 %	@Strain 300 %	
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Abrasion	30	30	mm <sup>3</sup> ; ISO 4649

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	India	
	Near East/Africa	
	South and Central America	

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