

Covestro Desmopan® DP 9370AU Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Extrusion- and injection molding gradewith special UV stabilizersvery good hydrolysis and microbial resistancegood low-temperature flexibilityfree from plasticizershigh moisture vapor transmission rateApplicationbreathable filmsFilmsSports shoe soleshard - soft systemsPreprocessingMax. Water content

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Desmopan-DP-9370AU-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	3s; ISO 868
Tensile Strength at Break	25.0 MPa	3630 psi	ISO 527-1/-2
Tensile Strength, Yield	25.0 MPa	3630 psi	parallel; ISO 527-3
	2.40 MPa	348 psi	ISO 527-1/-2
	@Strain 100 %	@Strain 100 %	
	4.30 MPa	624 psi	ISO 527-1/-2
	@Strain 300 %	@Strain 300 %	
Elongation at Break	>= 300 %	>= 300 %	ISO 527-1/-2
Abrasion	69	69	mm ³ ; ISO 4649
Compression Set	22 %	22 %	ISO 815
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	49 %	49 %	ISO 815
	@Temperature 70.0 °C	@Temperature 158 °F	

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

Descriptive Properties	South and Central America Value	Comments
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