

Desmopan® DP 9852DU

Thermoplastic Polyurethane Elastomer

Covestro - PUR

Message:

Extrusion- and injection molding grade; very good hydrolysis and microbial resistance; very good low-temperature impact strength; Boot shells; Technical parts

General Information			
Features	Hydrolysis Resistant		
	Low Temperature Impact Resistance		
	Microbe Resistant		
Uses	Engineering Parts		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.15	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 23°C)	54		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance (23°C)	23.0	mm ³	ISO 4649-A
Impact Resilience (23°C)	45	%	ISO 4662
Films	Nominal Value	Unit	Test Method
Tensile Strength			ISO 527-3/200
100% Strain, 23°C	20.0	MPa	
300% Strain, 23°C	35.0	MPa	
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹ (23°C)	120	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 72 hr	25	%	
70°C, 24 hr	35	%	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 245	°C	
Mold Temperature	60.0 to 70.0	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	220	°C	
NOTE			
1.	500 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

