

Desmopan® DP 9880DU

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)	1.19	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 23°C)	76		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance (23°C)	65.0	mm ³	ISO 4649-A
Impact Resilience (23°C)	68	%	ISO 4662
Films	Nominal Value	Unit	Test Method
Tensile Strength (100% Strain,23°C)	38.0	MPa	ISO 527-3/200
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹ (23°C)	270	kN/m	ISO 34-1
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	60.0 to 70.0	°C	
NOTE			
1.	500 mm/min		

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