

Desmopan® DP 3360A DPS 061

Thermoplastic Polyurethane Elastomer (Polyester)

Covestro - PUR

Message:

Extrusion- and injection molding grade; free from plasticizers; excellent abrasion resistance; good wear resistance; Application; Films; hard - soft systems; Screenpacks

General Information			
Features	Good Abrasion Resistance		
	Good Wear Resistance		
Uses	Film		
RoHS Compliance	RoHS Compliant		
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 A, 23°C)	61		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹			DIN 53504
Break, 23°C	31.0	MPa	
10% Strain, 23°C	0.500	MPa	
50% Strain, 23°C	1.60	MPa	
100% Strain, 23°C	2.10	MPa	
300% Strain, 23°C	3.70	MPa	
Tensile Strain ² (Break, 23°C)	940	%	DIN 53504
Abrasion Resistance (23°C)	33.0	mm ³	ISO 4649-A
Tensile Storage Modulus			ISO 6721-1,-4
-20°C	37.0	MPa	
20°C	10.0	MPa	
60°C	7.00	MPa	
Impact Resilience (23°C)	55	%	ISO 4662
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³ (23°C)	41	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 72 hr	26	%	
70°C, 24 hr	55	%	
Injection	Nominal Value	Unit	

Drying Temperature	< 80.0	°C
Processing (Melt) Temp	180 to 210	°C
Mold Temperature	20.0	°C
Extrusion	Nominal Value	Unit
Drying Temperature	< 80.0	°C
Melt Temperature	180 to 210	°C
NOTE		
1.	200 mm/min	
2.	200 mm/min	
3.	500 mm/min	

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