

Desmopan® DP 6590A MVT

Thermoplastic Polyurethane Elastomer

Covestro - PUR

Message:

Extrusion grade; very good hydrolysis and microbial resistance; high moisture vapor transmission rate; Application; breathable films; Textile coating

General Information			
Features	High Moisture Vapor Transmission		
	Hydrolysis Resistant		
	Microbe Resistant		
Uses	Fabric Coatings		
	Film		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore A, 23°C)	90	ISO 868	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹			DIN 53504
Break, 23°C	39.0	MPa	
10% Strain, 23°C	3.80	MPa	
50% Strain, 23°C	6.80	MPa	
100% Strain, 23°C	8.30	MPa	
300% Strain, 23°C	17.6	MPa	
Tensile Strain ² (Break, 23°C)	510	%	DIN 53504
Injection	Nominal Value	Unit	
Drying Temperature	< 80.0	°C	
NOTE			
1.	200 mm/min		
2.	200 mm/min		

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