

Desmoderm® KBH

Polyurethane (Polyester based)

Covestro - PUR

Message:

Desmoderm KBH Granular is a one-component polyester urethane based on an aromatic diisocyanate.

General Information			
Uses	Footwear		
	Luggage		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Viscosity ¹			DIN EN ISO 3219/A.3
Tempered 5 hr, 120°C : 23°C	4.00 to 60.0	Pa·s	
Untempered : 23°C	4.00 to 20.0	Pa·s	
Light-Fastness	3.00 to 4.00		DIN EN ISO 105-B02
Softening Range	185 to 195	°C	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	100	µm	
Tensile Modulus - 100% (100 µm)	13.0 to 14.0	MPa	DIN 53504
Tensile Strength			DIN 53504
100 µm	55.0 to 65.0	MPa	
70°C, 100 µm ²	45.0 to 55.0	MPa	
Tensile Elongation (Break, 100 µm)	350 to 450	%	DIN 53504
NOTE			
1.	20% solution in dimethylformamide		
2.	after 14 days hydrolysis, 95% RH		

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