

Desmoderm® KE 072

Polyurethane (Polyether based)

Covestro - PUR

Message:

Desmoderm KE 072 Granular is a one-component polyether urethane based on an aromatic diisocyanate.

General Information			
Features	Acid Resistant		
	Good Abrasion Resistance		
	Hydrolysis Resistant		
	Soft		
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	4.00 to 5.00		DIN 54004
Softening Range	150	°C	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	100	µm	
Tensile Modulus - 100% (100 µm)	5.00 to 6.00	MPa	DIN 53504
Tensile Strength			DIN 53504
100 µm	35.0 to 45.0	MPa	
70°C, 100 µm ²	35.0 to 45.0	MPa	
Tensile Elongation (Break, 100 µm)	600 to 700	%	DIN 53504
NOTE			
1.	20% solution in dimethylformamide		
2.	after 14 days hydrolysis, 95% RH		

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Recommended distributors for this material

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