

# Desmoderm® KB2W

Polyurethane (Polyester based)

Covestro - PUR

## Message:

Desmoderm KB2W is a one-component polyester urethane based on an aromatic diisocyanate.

General Information			
Features	Soft		
Uses	Footwear		
	Luggage		
Agency Ratings	EU 1999/45/EC		
	EU 67/548/EEC		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Viscosity <sup>1</sup>			DIN EN ISO 3219/A.3
Tempered 5 hr, 120°C : 23°C	4.00 to 40.0	Pa · s	
Untempered : 23°C	4.00 to 20.0	Pa · s	
Light-Fastness	3.00		DIN EN ISO 105-B02
Softening Range	160 to 170	°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	45.0 to 55.0	MPa	
70°C, 100 µm <sup>2</sup>	35.0 to 45.0	MPa	
Tensile Elongation (Break, 100 µm)	750 to 950	%	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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