



BODO MÖLLER CHEMIE

Engineer chemistry

Your global partner for
mold making with **UREOL®**

Materials for modeling and mold making

Tooling boards and adhesives

With the Ureol® product line, we offer a variety of polyurethane and epoxy boards for tooling, modeling and mold making. In addition, we supply suitable adhesives for all Ureol® boards, which match in color, density, hardness, thermal expansion coefficient and glass transition point. The Ureol® product line convinces especially with constant high quality in addition to the excellent mechanical properties.

	Ureol® 80	Ureol® 250	Ureol® 450	Ureol® 600
Color	Off-white	Apricot	Apricot	Brown
Density (ISO 1183) kg/m³	80	250	450	620 - 680
Hardness Shore D (ISO 868)			40 - 50	45 - 55
Coefficient of thermal expansion (ISO 11359) 10⁻⁶K⁻¹			50 - 55	50 - 55
Deflection temperature, HDT (ISO 75) °C			80 - 85	70 - 75
Compressive strength (ISO 604) MPa	0.8	3.0	10 - 15	15 - 20
Flexural strength (ISO 178) MPa		4.5	10 - 15	15 - 20
Compressive modulus (ISO 604) MPa			400 - 500	
Abrasion (Taber) mm³/100U				
Dimensions (Length x Width) mm	2500 x 1200	2000 x 1000	1500 x 500	1500 x 500
Dimensions (Height) mm	100	100	50	50
	200	200	75	75
	300		100	100
	400		150	150
			200	200
Adhesives for EP boards				
Adhesives for PU boards	Ureol® ADH foam	Ureol® ADH foam	Ureol® ADH foam	Ureol® ADH 700 A/B



Ureol® 700	Ureol® 700 EP	Ureol® 750 EP	Ureol® 1000	Ureol® 1200	Ureol® 1200 orange	Ureol® 1600
Brown	Light blue	Light green	Beige	Green	Orange	Ivory
680 - 720	700 - 730	700 - 730	1000 - 1100	1200 - 1250	1200 - 1250	1600 - 1700
55 - 60	70 - 75	65 - 70	75 - 80	80 - 85	75 - 85	85 - 90
50 - 55	35 - 45	35 - 45	55 - 60	80 - 90	65 - 75	45 - 50
70 - 75	105 - 110	130 - 140	80 - 85	90 - 100	65 - 75	75 - 80
20 - 25	55 - 60	50 - 55	45 - 50	70 - 80	85 - 95	85 - 95
20 - 25	25 - 35	30 - 40	45 - 50	75 - 85	105 - 115	55 - 65
800 - 1000				1800 - 2300		5500 - 6500
					45 - 55	5500 - 6500
1500 x 500	1500 x 500	1500 x 500	1500 x 500	1000 x 500	1000 x 500	750 x 500
50	50	50	50	50	50	50
75	75	75	75	75	75	75
100	100	100	100	100	100	100
150	150	150				
200	200	200				
	Ureol® ADH EP 700 A	Ureol® ADH EP 750 A				
	Ureol® ADH EP 700/750 B	Ureol® ADH EP 700/750 B				
Ureol® ADH 700 A/B			Ureol® ADH 1000/1600 A	Ureol® ADH 1200 A	Ureol® ADH 1200 orange A	Ureol® ADH 1000/1600 A
			Ureol® ADH 1000/ 1200/1200or/1600 B	Ureol® ADH 1000/ 1200/1200or/1600 B	Ureol® ADH 1000/ 1200/1200or/1600 B	Ureol® ADH 1000/ 1200/1200or/1600 B

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State 03/2023

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