

# Selection chart

2007-10-17 PI 07/65 E-1



cold and thermo curing 2-pack casting resins and casting compounds:

	Temperature range [°C]	Colour transparency (t)	Viscosity of mixture at 20 °C [mPas] * ISO 3219	Shore hardness DIN 53505 Shore A (soft) / Shore D (hard)	Product name
	-40 90 120 130 165 200		500 1000 3000 6000	30 60 90 30 60 90	
Wepuran (Polyurethane resin)		⊗ t	1100 2700	70 38	VT 3402 KK series
		t	3300	43	VT 3403
		t milky-cloudy	1100	43	VT 3404 LS
		t	750	42	VT 3407 series
			3500	80	VU 4444/31 SB-WB
			6000	68	VU 4445
			1500 3000	65, 70	VT 4452 series
			3400	75	VU 4452/41 SV-HF <sup>UL</sup>
			1000-2700 12000 60000	50-65 85	VU 4453 series
			1800	58	VU 4456
			1100-2900	45-60	VU 4457 series
		900	75	VU 4458/51 SB	
		1800	73	VU 4459/41 SV-HF <sup>UL</sup>	
Wepox (Epoxy resin)		t	1300	80	VT 3000
		t	600	70	VT 3002
		t	800	80	VU 4052
			3000	88	VU 4081 NV
			1600 7500	88	VU 4085 series
			4500	88	VU 4085/51 SB
Wepesil (Silicone rubber)		⊗ t	4800	45	VT 3601 E addition cross-linking
			16000	65	VU 4691 E series addition cross-linking
			2200 3500	45	VU 4692 series condens. cross-linking
			2600	35	VU 4693 condens. cross-linking
			4500	42	VU 4694 E addition cross-linking

\* Comparative viscosity in mPas at 20 °C in: water: 1, olive oil: 100, tomato juice: 2000, honey: 10000, jam: 50000

VT = casting compounds, transp. E = elastic KK = crystal-clear SB = hardly flammable WB = weather proof  
 VU = casting compounds, opaque HF = halogen-free LS = light diffusing SV = self-extinguishing /31 = mixing ratio 3:1