

Vacuum Casting Resins

Internal Reference No.	Rubber-like Resins					Hard Resins				
	KL 32	KL33	KL 36	KL 40	KLSi5	KL 08	KL 30	KL 35	KL 37	KL45
Material Colour	yellow	colourless, water clear	black	amber	colourless, semi clear	colourless, water clear	colourless, water clear	white	light amber	colourless, water clear
Shore Hardness ISO 868	63A	70A	85A	50A	40A	82D	80D	70D	80D	80D
Tensile Strength at Break ISO R 527 MPa	5	4,3	17	3	6,7	54	76	27	61	54
Tensile Modulus ISO R 527 MPa						2521	2700	942	1800	
Flexural Strength ISO 178 MPa						88,6	100	42	80	90
Flexual Modulus ISO 178 MPa						2195	2000	1050	1850	2300
Tear Strength ISO 34 MPa	23	20								
Izod Impact ISO 180 kJ/m ²						8,9		15		
Elongation at Break ISO R 527 %	750	255	650	950	390	12	9	50	13	27
Heat Resistance °C				40 - 80		72 HDT	100 HDT	65 HDT	195 HDT	95 (TG)
Comments	rubber-like Recommended	rubber-like	rubber-like	rubber-like	silicone	hard, ABS-like, Recommended	good UV-Proof	PP-like, suitable for living hinges	high volume castable, high temp. resistant	rigid, UV-stable