SIL

OVERVIEW OF WEVOSIL PRODUCTS

wevo

Product	Mixing ratio (by weight)	Mixed viscosity [mPa·s]	Pot life [min.]	Density [g/cm³]	Shore hardness [00/A]	Operating temperature up to [°C]	Thermal conductivity ASTM D 5470 [W/m·K]	Flammability UL 94	Dielectric strength [kV/mm]	Volume resistivity [Ω·cm]	Colour
GELS											
WEVOSIL 20200	1:1	500	60	0.98	gel (soft)	180	–	–	> 20	> 10^{14}	transparent
WEVOSIL 20201/60	1:1	500	60	0.98	gel (hard)	180	–	–	> 20	> 10^{14}	transparent
OPTICALLY CLEAR											
WEVOSIL 20001	1:1	1,250	60	0.98	-- / 40	180	0.2	HB	> 25	> 10^{14}	transparent (optically clear)
WEVOSIL 20002	1:1	25,000	135	1.02	-- / 30	180	0.2	HB	> 25	> 10^{15}	transparent (optically clear)
HIGH TEMPERATURE RESISTANT											
WEVOSIL 27001 FL	1:1	6,000	60	1.12	-- / 30	250	0.2	V-0	> 25	> 10^{14}	reddish
WEVOSIL 27015 FL	1:1	3,750	180	2.64	-- / 65	200	2.1	V-0	> 20	> 10^{14}	reddish
ADHESIVES (2-COMPONENT ADDITION-CURING)											
WEVOSIL 28001	1:1	45,000	75	1.30	-- / 65	200	0.5	V-1*	> 30	> 10^{14}	blue
WEVOSIL 28002	1:1	paste-like	75	1.22	-- / 35	200	0.4	V-1	> 25	> 10^{14}	black
GENERAL-PURPOSE ENCAPSULANTS/POTTING MATERIALS											
WEVOSIL 22006 FL (formerly WEVOSIL 20405)	1:1	2,400	105	1.38	-- / 50	180	0.8	V-0*	> 30	> 10^{14}	dark grey

All application parameters refer to processing at room temperature. All mechanical, thermal and electrical properties are based on complete curing.
* UL listing under file No. E108835

For a more detailed technical description of our systems please refer to the corresponding data sheets which are available for all products. Please see our special notes on the back of this sheet.

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THERMALLY CONDUCTIVE ENCAPSULANTS/POTTING MATERIALS											
WEVOSIL 22002 FL	1:1	3,250	60	1.68	-- / 40	180	1.4	V-0*	> 24	> 10^{14}	blue
WEVOSIL 22102 FL	1:1	2,500	60	1.68	60 / --	180	1.4	V-0	> 25	> 10^{14}	blue
WEVOSIL 22004	1:1	6,000	60	2.44	-- / 45	200	1.6	V-1	> 29	> 10^{13}	blue
WEVOSIL 22005 FL	1:1	6,000	60	2.30	-- / 60	180	1.7	V-0	> 30	> 10^{10}	blue
WEVOSIL 22007 FL	1:1	15,000	60	2.31	70 / --	165	2.2	V-0	> 16	> 10^{15}	blue
WEVOSIL 22008 FL	1:1	6,000	60	2.81	60 / --	200	2.8	V-0	> 20	> 10^{15}	blue
THERMALLY CONDUCTIVE GAP FILLERS											
WEVOSIL 26001 FL	1:1	paste-like	60	2.30	55 / --	180	1.8	V-0	> 19	> 10^{10}	grey
WEVOSIL 26010 FL	1:1	paste-like	60	2.20	70 / --	165	3.0	V-0*	> 15	> 10^{13}	blue
WEVOSIL 26020 FL	1:1	paste-like	60	3.11	70 / --	200	4.0	V-0*	> 20	> 10^{13}	blue

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