SILPAK, Inc

470 E. BONITA AVE. POMONA, CA 91767
PH (909) 625-0056 WWW.SILPAK.COM FX (909) 625-0082

Encapsulating RTV
R-2262 FR A/B
Product Data Sheet

R-2262 FR A/B Platinum Base (Addition Cure), two-component, room temperature curing (RTV) silicones rubbers designed for mold making, embedding, and electrical applications. R-2262 FR is formulated to have a high resistance to flammability, as well as resistance to thermal and mechanical shock. This product has a serviceable temperature range from -50F to +400F.
Available Sizes: ½ Gal Kit (10 lb) & 5 Gal Kit (80 lbs)

PHYSICAL PROPERTIES (TYPICAL VALUES) UNVULCANIZED

Color:	White A / Blue B
Viscosity @ 77F:	5,000 cps, mixed
Mixing Ratio, A/B:	100/100 by Weight**
Shelf Life:	6 months

TYPICAL PROPERTIES OF CURED RUBBER @ 24 Hrs 77F (25C)

Specific Gravity:	1.35
Hardness:	48 A Shore
Tensile Strength:	450 psi
Elongation %:	160
Tear Strength:	25 pli

Thermal Conductivity (@ 77 – 212) BTU-FT F:	7.5×10^{-4}
Coefficient of Thermal Expansion IN/IN.F:	8×10^{-4}
Dissipation Factor @ 100 Hz:	0.008
Dielectric Constant @ 100 Hz:	3.15
Volume Resistivity ohm/cm:	1.0×10^{15}

MIXING & CURING INSTRUCTIONS:
The base and curing agent are mixed just before using. Mix 1 part base to 1 part curing agent by weight. Automatic mixing equipment or manual mixing may be used to combine base and curing agent. Immediately after mixing, place the material in a vacuum chamber.

INHIBITION:
Certain materials will cause inhibition or neutralizing of the curing agent. These materials are sulpher and organo-metallic salt containing compounds found in organic rubbers and many condensation cure RTV, chloride solvents – aimnes. Avoid using latex gloves, water based clays and Tin/Condensation cured RTVs. Inhibition may easily be determined by brushing a small quantity of this material over the surface and allowing it to cure. If material remains tacky and gummy after the curing time, then the part's surface is acting as an inhibitor. **See Addition Cure Technical Data Sheet for inhibiting materials