



PRODUCT DATA SHEET

650-T POLYIMIDE/PTFE

A proprietary Polyimide/PTFE thermo set coating.

OUTSTANDING CHARACTERISTICS INCLUDE:

- * Remarkable resistance to high temperatures and also performs well at cryogenic levels.
- * Very high resistance to oxidative degradation, weathering and radiation.
- * Excellent resistance to abrasive and frictional wear.
- * Not affected by solvent or oils.
- * The surface finish is matte red in color.
- * Excellent electrical properties.
- * 650-T builds up at approximately 1.0 mil – 2.0 mils per application.

Order of magnitude values furnished herewith indicate what may be expected of 650-T Polyimide/PTFE applied to hard substrates.

Dielectric strength	1000 volts per mil
Thermal aging 2000 hrs. @ 310°	OK
Dielectric Constant	2.25 / 10 cps / 150c
Dissipation factor	.0029 / 10 cps / room temp.
Film hardness	25 knoop
Flame test	OK
Solvent resistance	Unaffected
Radiation resistance	300 Megarads. Minor changes only