



PRODUCT DATA SHEET
650 SERIES POLYIMIDE

A proprietary Polyimide 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 glossy and red in color.
- * Excellent electrical properties.
- * Thin film: Important where space is of prime consideration. 650 Series builds up at approximately .00025" per application.

Order of magnitude values furnished herewith indicate what may be expected of 650 Series Polyimide applied to hard substrates.

Dielectric strength	3100 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. This product is not for sale in liquid form. Prototype coatings will be furnished for test and evaluation.

We are applicators who will be pleased to cooperate in the coating of your articles.