

P7002 BASE PLASTISOL & COLORS

This product meets Military Specification P20689D and CID A-A-59464.

P7002 Plastisol is a 100% solids, free flowing liquid vinyl dispersion with a gel temperature of approximately 170°F. and a fusion temperature of 350°F. After fusing it becomes a tough, flexible coating resistant to acids, cleaners, plating solutions, petroleum fuels, detergents and salt water. It is an excellent material for dip coating, providing a decorative, protective and insulative coating as well as for making molded parts. This type of plastisol is widely used for coating plating racks for the plating industry, tool handles, many types of gaskets, etc. This product is fungus resistant.

Where adhesion to metal is required, plastisol primer is necessary. QCM Co.'s A-1104 is recommended. Due to the composition of P7002 - it contains no solvent or water - it has an excellent shelf life. It is guaranteed for one year from date of shipment in sealed containers with storage between 50 and 90 degrees F and stored away from heat, sunlight and moisture.

SEE data sheet "Coating Metals with Plastisols"

PHYSICAL PROPERTIES

Durometer Hardness	Shore A 70 +/- 5
Tensile Strength	Greater than 1300 psi
Elongation	Greater than 350%
Brittle Temperature	Tested to -40°F. Still flexible
Water Absorption	48 Hours - 0.30% 6 Days - 0.42%
Dimensional Change	0.66% (24 hours @ 160°F.)
Specific Gravity	1.18 0.05
Color	Any color. We frequently match colors to Federal Standard 595.
Dielectric Strength (1/8th inch thick)	short time 300-400 volts/mil

SAFETY: See MSDS

Quality Controlled Manufacturers of INKS, COATINGS, ADHESIVES, & MOLDING VINYLs and EPOXIES
Recommendations for the use of this product are based on tests believed to be reliable. However, since the use of this product is beyond our control, no guarantee or warranty of any kind express or implied is made with respect to information presented and QCM Co. assumes no responsibility for the results of the use of this product and processes described.