



Product Data Sheet – Pure Epoxy Powders

Product Description The Powders are formulated with epoxy resins to suit chemicals, corrosion resistance & Also very good adhesion properties.
Not recommend for exterior application.

Typical Application Electricals Switchgears, Laboratory Furniture, Automotive Parts, Machines Components, wire goods (baskets).

Powder Properties

Chemical Name Pure Epoxy Polyester Resin

Partical Size Distribution Below 125 Microns 100%
Below 90 Microns >99%
Below 32 Microns 42+-3%

Specific Gravity 1.4 to1.8 (Depending on Colour)

Curing Temperature 200°C (Object temperature) for 15 mins

Storage Product has shelf life of 6 months at 25°C & Relative Humidity of 50%

Film Thickness For normal usage 50 – 60 microns.

Physical Parameters(Substrate 0.6 mm m.s. pannel)

Gloss at 60° Glossy - N.A.
Semi Glossy-N.A.
Matt – 10 to 20%

Finishes Available in plain, texture & structure finishes.

Pencil Hardness H to 2H.

Flexibility 6.00 mm

Impact (Direct/Reverse) 120 kg cm.

Scratch Hardness 2 kg mini.

Cross hatch test GT-0 (1mm Squres for adhesion)

Salt –Spray Resistance 500 Hrs. on CRCA steel. Chemically Treated.

Humidity Resistance 1000 Hrs.

Chemical Resistance Test Epoxy powders are highly resistances to wide variety of solvents & Chemicals.

Note: The data given herein is meant to serve only as a guide to user. The customers are advised to evaluate the product for their end use. The accuracy of product largely depends on surface preparation & application Condition which may vary from customers to customers and is beyond our control.