



EPOXY POLYESTER GLOSSY

Series Identification Code 75

Product Description

Epoxy Polyester based powder coatings are mainly used for interior general purpose and external application where there is no prolonged exposure to direct sunlight.

Popular Applications

Office Furniture

Hardware

Light Fittings

Switchgears/Starters

Hot Water Radiators

Generator Sets

Oil Filters

General Specifications

<i>Specific Gravity:</i>	<i>1.2 to 1.8 depending on product</i>
<i>Particle Size Distribution:</i>	<i>< 125 microns 100% passing</i>
<i>Curing Schedule:</i>	<i>180°C (Object Temperature) / 15 minutes</i>
<i>Shelf Life:</i>	<i>Maximum 6 months from the date of manufacture in a sealed carton under recommended conditions of storage < 25°C and RH < 60%</i>

General Film Properties

Property	Test Method	Value
<i>Recommended Film Thickness</i>	<i>ASTM D-1186</i>	<i>50–60 microns</i>
<i>Gloss Range @ 60° Gloss Head</i>	<i>Marpol Standard</i>	<i>85%–95%</i>
<i>Impact Resistance</i>	<i>ASTM D-2794</i>	<i>100 kgs minimum</i>
<i>Erichsen Cupping</i>	<i>ASTM E-643</i>	<i>6 mm minimum</i>
<i>Flexibility Bend</i>	<i>ASTM D-552</i>	<i>6 mm minimum</i>
<i>Scratch Hardness</i>	<i>BS 3900 Part E6</i>	<i>2 kgs minimum</i>
<i>Salt spray Resistance</i>	<i>ASTM B-117</i>	<i>1000 hours minimum</i>
<i>Humidity Resistance</i>	<i>ASTM B-2247</i>	<i>1000 hours minimum</i>
<i>QUV Resistance</i>	<i>ASTM G-53</i>	<i>Not applicable</i>
<i>Pencil Hardness</i>	<i>ASTM D-3363</i>	<i>H–3H</i>