



EPOXY POLYESTER SATIN

Series Identification Code 79

Product Description

Epoxy polyester satins are mainly used for their sober, pleasing looks and also for their ability to hide surface ripples on the metal.

Popular Applications

Machine Tool Enclosures
Offset Machine Parts
Wrought Iron Furniture
Underhood Auto Components

General Specifications

Specific Gravity: 1.2 to 1.8 depending on product
Particle Size Distribution: < 150 micron 100% passing
Curing Schedule: 180°C (Object Temperature) / 15 minutes
Shelf Life: Maximum 6 months from the date of manufacture in a sealed carton under recommended conditions of storage < 25°C and RH < 60%

General Film Properties

Properties	Test Method	Value
Recommended Film Thickness	ASTM D-1186	50–60 microns
Gloss Range @ 60° Gloss Head	Marpol standard	20%–65%
Impact Resistance	ASTM D-2794	100 kgs minimum
Erichsen Cupping	ASTM E-643	6 mm minimum
Flexibility Bend	ASTM D-552	6 mm minimum
Scratch Hardness	BS 3900 Part E6	2 kgs minimum
Salt spray Resistance	ASTM B-117	1000 hours minimum
Humidity Resistance	ASTM B-2247	1000 hours minimum
QUV Resistance	ASTM G-53	Not applicable
Pencil Hardness	ASTM D-3363	3H