

MODIFIED LIQUID EPOXY RESIN K-153

PRODUCT CODE

MCS-RE-804

PRODUCT DESCRIPTION

Morsun's Modified Liquid Epoxy Resin RE-804 is based on Bisphenol-A (DGEBA) and supplied with a Polyamine hardener as a kit

SUGGESTED USES

Epoxy Resin RE-804 with Morsun's Polyamine Hardener is widely used in compositions with various fillings (or without them) It can be used as glues(to connect different types of metallic and non-metallic materials), binders for impregnating glass, Casting, filling, sealing and isolation of various parts in electrical engineering, for surface defects in the mechanical constructions, etc It has high adhesion to different materials, resistance to oils, good compatibility with a wide range of fillers, polymer-based coatings and various composite materials with a given set of operational properties

TECHNICAL DATA

ADVANTAGES	• Very good processing properties • Good mechanical performances • Good surface penetration • Good chemical and solvent resistance Typical Properties
Appearance	Water White Liquid
Colour	Max 3 (On Gardner Scale)
Viscosity	Pourable
NVM	Min 96%
Epoxide Equivalent Weight	180 to 200
Flash Point	> 140 °C
Density @ 25 °C	1.15 gm / cm ³
Supplied Curative (by wt)	87 Parts RE-804 to 13 Parts supplied Polyamine. (Hardener for RE-804) Gel Time @ 25°C : 25 -30 Minutes
Hard dry in thin film	Overnight
Curing Time for Casting	2 to 3 Days
Full Cure	7 Days
Shelf Life	12 months in sealed container stored at room temperature
Packing (With Hardener)	200 / 20 / 10 / 4 Kgs
Precautions	Avoid inhalation. Take necessary precautions to avoid contact with skin or eyes. Ventilate the area during application

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