

LAPOX* POLYAMIDE PA - 160

LAPOX* POLYAMIDE PA-160 is a low viscosity polyaminoamide resin generally used with liquid epoxy resin to produce solvent-free trowelling compounds, mortars, protective and decorative coatings with good flexibility and adhesion to most substrates.

LAPOX* POLYAMIDE PA-160 is also recommended in casting, potting, and encapsulation of electrical components.

TYPICAL PROPERTIES

Appearance	----	Yellowish brown liquid
Colour	Gardner Scale	Max. 12
Viscosity @ 25°C	mPa.s	300 - 700
Specific gravity @ 25°C		0.97
Amine value	mgKOH/g	370 - 420

Recommendations for Use :

The principal use of **LAPOX* POLYAMIDE PA-160** is in curing epoxy resins. The selection of a particular grade of epoxy resin will depend on many factors; but essentially in most solvent free coatings, trowelling compounds, casting and laminating applications the low molecular weight epoxy resins are used, i.e. LAPOX* B11 or LAPOX* B - 47.

LAPOX* POLYAMIDE PA-160 is compatible with many synthetic resins, varnishes, oils and other media.

It is recommended that, wherever possible, tests are carried out at various ratios to ensure the use of the most suitable ratio for the particular end use required.

Pot Life :

The pot life of a **LAPOX* POLYAMIDE PA-160** epoxy resin system is dependent upon various factors including temperature, reactant ratio, extenders, fillers, accelerators and the epoxy resin itself.

The reaction between the epoxy resin and **LAPOX* POLYAMIDE PA-160** will commence as soon as the reactants are mixed. At room temperature the system will have a limited pot life.

Pigmentation :

LAPOX* POLYAMIDE PA-160 can be used with a wide variety of pigments. It is normally the practice to pigment only one component of the two and this is generally the epoxy resin. However, the **LAPOX* POLYAMIDE** resins are good wetting media for pigments and pigmentation of the curing agent component may on occasions be found preferable.

STORAGE AND HANDLING

LAPOX* POLYAMIDE PA-160 has a shelf life of at least twelve months if stored in its original container away from humidity and excessive heat.

LAPOX* POLYAMIDE PA-160 is relatively safe to use. It has a very low dermatitis potential. Nevertheless, as with most other synthetic resins of this kind, care must be taken to avoid contact with the skin as far as possible. If contact does occur, then the resin should be washed off immediately with soap and warm water.

If resin wastes are incinerated, the decomposition products are carbon monoxide and carbon dioxide.

All recommendations for use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although the information contained in this sheet is accurate to the best of our knowledge, no liability can be accepted in respect of such information and no warranty or conditions are intended in respect of the product described as the conditions of application are beyond our control.

* Registration pending in favor of ATUL LIMITED.
