

KARMUR Chemical Company Pvt.

KAMUR S 25P

Formulated Aliphatic polyamine adduct resin

Applications: KAMUR S 25P is a Aliphatic liquid polyamine adduct developed especially for use with liquid epoxy resins. This hardener combines the advantages of aliphatic amines and is particularly useful for applications on concrete.

Applications : Adhesives Castings, Coatings, Flooring ,Potting ,Tooling, Wet lay-up for laminating

Properties: Used along with suitable epoxy resins, KAMUR S 25P presents the following features:

1. Cures well in high humidity atmospheric conditions
2. Excellent adhesion, bonds well to concrete
3. Good chemical resistance
4. Good heat resistance, cures well at normal temperature of 21°C (70°F) or above*
5. Has a simple and non-critical mixing ratio

SALES SPECIFICATION & OTHER PROPERTIES

Property	Value	Unite	Method
Non-volatile content, %	97 - 100	(105°C / 1gm / 3 hrs)	ISO 3251
Density	0.98	at 20°C	ISO 2811
Viscosity	7900 - 11500	in CPS at 40°C	
Colour	≤ 9.5	Gardner scale	ISO 4630
Amine value	285- 324	mg KOH/g	HCL Method
Typical hydrogen Equivalent Weight	138		

KAMUR S 25P is quite reactive at room temperature. The pot life and maximum exotherm will depend on choice of resin, size of batch, ambient temperature and the type and amount of filler used. Severe exotherm will result if large masses of unfilled resin and hardener are mixed.

Odour : amine

Shelf life: (at storage temperature between 2 - 40 °C) (see expiry date on original container) minimum 1 year

Hazardous decomposition products (when disposed of in fire) :carbon monoxide, carbon dioxide, nitrogen oxides and other toxic gases and vapours

Disposal : regular procedures approved by local authorities

Handling precautions:

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets.