



# BLUEBELL POLYMERS PRIVATE LIMITED

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PRODUCT CODE: ALKYD / 01.01

## BLUMER C-132 (70 % in Xylene)

TYPE : Short oil length Coconut oil modified alkyd resin solution in Xylene.

### SPECIFICATIONS :

1) Appearance	Pale yellow viscous liquid
2) % Oil length	32
3) Density @ 25 <sup>0</sup> C.	1.03 - 1.07
4) % Solids @ 120 <sup>0</sup> C. for 2 hrs.	68 - 72
5) Solvent	Xylene
6) Viscosity @ 25 <sup>0</sup> C, of 50 % solid in Xylene, poises	5 - 15
7) Acid value of resin solids, mg. KOH/gm	25 max.
8) Colour gardner of 50 % solution	2 max.

**SOLUBILITY :** Blumer C-132 (70% in Xylene) is soluble in esters, ketones, higher alcohols, aromatic hydrocarbons and is insoluble in aliphatic hydrocarbon and water.

**COMPATIBILITY :** Blumer C-132 (70% in Xylene) is compatible with amino resins, nitrocellulose, medium molecular weight epoxy resins, phenolic resoles, etc.

**APPLICATIONS :** Blumer C-132 (70% in Xylene) is an extremely pale, non-oxidizing resin of outstanding colour retention and durability. It can be used as a plasticizer in N C lacquers, where its excellent properties of gloss, colour and colour retention will improve the performance of lacquer. Blumer C-132 (70% in Xylene) is recommended for non-yellowing white baking enamels for refrigerators, washing machines, water filters and hospital appliances. It is also very useful for cold catalyzed wood lacquers, roller coatings, overprint varnishes and in can coatings.

### SUGGESTIVE FORMULATIONS :

#### 1) Top quality white appliance enamel

	kgs.
Titanium dioxide rutile	25.0
Blumer C-132 (70% in Xylene)	28.6
Synpol MF-268	17.0
Xylene	24.4
N-Butyl alcohol	<u>5.0</u>
Total	100.0

% Solids	55.5
Pigment binder ratio	45 : 55
Alkyd Amino ratio	65.5 : 34.5
Stoving schedule @ 120 <sup>0</sup> C, minutes	30

#### 2) Epoxy-alkyd-amino white domestic & industrial appliance enamel

	kgs.
Titanium dioxide rutile	25.0
Blumer 1450XX	10.5
Blumer C-132 (70% in Xylene)	23.0
Synpol MF-268	13.5
Cellosolve acetate	10.5
Xylene	<u>17.5</u>
Total	100.0

% Solids	57.0
Pigment binder ratio	44 : 56
Epoxy Alkyd Amino ratio	25 : 50 : 25
Stoving schedule @ 180 <sup>0</sup> C, minutes	15
@ 150 <sup>0</sup> C, minutes	30

continued.....

**DISCLAIMER:** Above Specifications are subject to change without prior notice and company reserves the right to modify the same at any time

**MATERIAL SAFETY DATA :**

Product name	Blumer C-132 (70% in Xylene)
Flash point <sup>0</sup> C. (Abel closed cup)	30
Flammability	Moderate fire risk due to presence of Xylene.
Toxicity	Mild toxic.
Handling	Keep away from sources of ignition, provide all electric connections of flame-proof design. Wear safety glasses, rubber gloves and protective clothings.
Emergency treatment and measures	
1 Hygienic precautions	Adequate ventilations.
2 Hygienic treatments (First Aid)	Flush eyes thoroughly with water. Apply ophthalmic cortisone for conjunctivitis and keratities. Wash out contaminated skin with soap and water. Gastric lavage (stomach wash), if swallowed, followed by saline catharsis.
3 Fire precautions (in case of outbreaks)	Use dry chemical or carbon dioxide. Water spray may help to keep containers cool, to dilute leaked resins and to diffuse vapours.
Spills and leakage	Absorb liquid materials in sand and collect solid material and burn under hood in incinerator.
Disposal and waste treatment	Spray into furnace under controlled conditions.

**STORAGE :**

Blumer C-132 (70% in Xylene) should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

**PACKING :**

25 kgs. M.S. drums, 50 kgs. Plastic carboys and 200 kgs. M.S. barrels.

**DISCLAIMER :**

Information in this literature is to the best of our knowledge true and accurate. However, since conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

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