



BLUEBELL POLYMERS PRIVATE LIMITED

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PRODUCT CODE: POLYAMIDE/ 05.01

BLUMER 1930

TYPE: Non-reactive co-solvent soluble polyamide resin for flexographic and gravure liquid printing inks.

SPECIFICATIONS :

1) Appearance	Yellowish Brown clear granules
2) Density @ 25°C	0.98
3) Viscosity of 35% solution	
@30°C (1) 1:1 Toluene : n-Butanol by FC#4, seconds	40 – 50
(2) n-Propanol by FC#4, seconds	40 – 60
4) Gardner Colour (Viscosity Solution)	8 Max
5) Amine Value, mg KOH/g by HCL method	7 Max
6) Acid value, mg KOH/gm	7 Max
7) Melting Point by Ball & Ring	105 - 120° C

SOLUBILITY: BLUMER 1930 is soluble in mixture of alcohols such as Methylated Spirit, Normal and Isopropanol, n-Butanol and aromatic hydrocarbons such as Toluene, Xylene, etc.

COMPATIBILITY: Blumer 1930 is compatible with low melting grades of Maleic and Phenolic modified Rosin esters, Ester gum, Ketone formaldehyde resin, some grades of Nitrocellulose to limited extent, plasticizers like D.B.P., D.O.P. and Di Octyl Adipate, low melting grade of Polyethylene, Paraffin and Castor oil based Waxes.

APPLICATIONS: Blumer 1930 finds wide applications in flexographic and gravure liquid printing inks, heat seal coatings, over print varnishes and hot melt adhesives. Blumer 1930 based liquid inks gives excellent properties in printing on Polyethylene, BOPP, PVC, Polyester films, metal foils and leather.

SUGGESTIVE FORMULATIONS:

1) Printing Ink for treated Polyethylene

	Kgs
Titanium dioxide Rutile	32.0
Blumer 1930	21.0
Synpol SK-10	4.5
Polyethylene wax	1.5
Isopropanol	20.0
n-Propanol	4.0
Xylene	17.0

Total 100.0

2) Alkali resistant 2 pack printing ink for Polyethylene

	Kgs
Part - I	
Titanium dioxide Rutile	32.0
Blumer 1930	25.0
Micronised polyethylene wax	0.5
Synpol SK-10	2.5
Synpol 200	2.5
Toluene	15.0
Isopropanol	15.0
n-Butanol	7.5

100.0

Part - II

Synpol 125	2.5
Toluene	1.5
n-Butanol	1.0

5.0

Total

105.0

* Part II to be added at the time of printing and same to be consumed within 8 hours. Discard left overs next day.

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MATERIAL SAFETY DATA:

Product name	Blumer 1930
Flash point ° C. (Abel closed cup)	Above 200
Flammability	Combustible.
Toxicity	Virtually non toxic by exposure and inhalation.
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 1930 should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

PACKING:

25 Kgs. net HDPE bags.

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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