

NC-40 – Nitrocellulose Solution

DESCRIPTION

NC-40 is a Nitrocellulose in Solution Form.

PRINCIPLE PROPERTIES

- ✓ Excellent flow and rapid drying
- ✓ Improvement in adhesive strength and gloss
- ✓ Improved resistance to heat, light, alcohol and water
- ✓ Good abrasion resistance and solvent stability
- ✓ Attain very good mechanical properties (cold-check, elongation hardness, tear resistance)
- ✓ Form hard films and very fast solvent evaporations

RECOMENDED APPLICATIONS

- ✓ All cellulosic system in coating
- ✓ Wood paint and Varnishes
- ✓ Suitable for Metal surface
- ✓ Effect finishes paints
- ✓ Leather and Nail laquers

SOLUBILITY

It can be diluted in Toluene, Xylene, Ketones, Glycol Ethers and blended with Buthanol.

COMPATIBILITY

Resin Type	Compatibility
Rosin Esters	+
Amino Resins	+
Short Oil Alkyds	+
Medium Oil Alkyds	+
Long Oil Alkyds	-
Aliphatic Hardeners	+
Aromatic Hardeners	+
Isocyanate Hardener	-
Phenolic Resins	+

TECHNICAL SPECIFICATIONS

Composition		
Nitrocellulose Type	H1/2 IPA	
Type of Nitrogen Content%	≤12,6%	
Solvent	E.Acetate/B.Acetate/Tol.	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	40± 1%	ISO 3251
Viscosity (25°C) Pa.s	5– 10	ISO 3219
Color (Gardner)	3 max	ISO 4630-2
Density (g/cm3)	1,00±0,02	ISO 2811-1

PACKAGING AND DELIVERY FORM

Resin is supplied in steel drum with net content of 200 Kg per drum. For the other package condition, please contact with us.

THE BENEFITS PROVIDED BY NC 40

- ✓ Saves production time, labour, power, costs etc.
- ✓ Reduction in heavy inventory of both Nitrocellulose and solvents
- ✓ Safe in storage and handling of Nirosolution form
- ✓ Option to produce your products instantly
- ✓ Increase in your production capacity and sales

STORAGE AND SHELF LIFE

Store in at temperatures between 5-30 °C, well-sealed packaging, dry and well-ventilated storage, should be avoided from direct sunlight. Storage Shelf Life – 12 months from date of production.

MATERIAL SAFETY

Before handling the product ,SDS should always be read and well understood.

Safety prodecures should be followed.

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