



VINYL
RESINS

BAKELITE® VINYL CHLORIDE-ACETATE RESIN VYNW-5

PRODUCT STANDARDS

DESCRIPTION

BAKELITE VYNW-5 is a vinyl chloride - low vinyl acetate copolymer nonsolvent resin.

APPLICATIONS

BAKELITE Vinyl Chloride-Acetate Resin VYNW-5 is a blotter-type resin that is recommended for nonrigid applications, such as electrical insulation, film and sheeting, contour extrusion molding, injection and compression molding, and flooring.

Properties of

BAKELITE Vinyl Chloride-Acetate Resin VYNW-5

Properties	Test Methods	Typical Values
Size, per cent by weight through USBS sieve No. 40 No. 80	WC-7-F	100 98
Heating Loss, per cent by weight, 45 minutes at 105°C.	WC-160-H	0.3
Polyvinyl Chloride, per cent by weight	WC-294-A	97.5
Foreign Matter, slurry	WC-15-P-1	2
Inherent Viscosity, 0.2 g. of resin/100 ml. of cyclohexanone at 30°C.	D 2857	1.07
High Temperature Mill Stability: Initial Color, per cent transmission	WC-163-B-3	75
Ultimate Stability, minutes		25
Hard Resin Particles, per ft. ²	WC-15-K-2	2
Plasticizer Absorption, per cent by weight	D 1755	175
Apparent Density of Powdered Resin, lb./ft. ³	WC-2-B D 1895	18.5

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(continued)

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TEST METHODS

Designated tests are made in accordance with current issues of ASTM or UNION CARBIDE (WC) Testing Methods. The former may be obtained from the American Society for Testing and Materials, Philadelphia, Pa., while the latter are available from Union Carbide Corporation upon request.

PACKAGING AND LABELING

The standard package for BAKELITE Vinyl Chloride-Acetate Resin VYNW-5 is a four-ply multiwall Kraft paper bag containing 50 lb. net. If desired, this resin can also be supplied in hopper cars containing approximately 75,000 lb. The package will be plainly marked with the product and lot numbers and the quantity. Shipments will be properly addressed to assure complete delivery to the purchaser.

PRECAUTIONARY LABELING

On the basis of the toxicological, physical, and chemical properties of BAKELITE Vinyl Chloride-Acetate Resin VYNW-5, precautionary labeling used on the containers is as follows:

FOR INDUSTRY USE ONLY