

BAKELITE® VINYL RESIN VSJE-10

DESCRIPTION A medium molecular weight vinyl chloride-vinyl acetate suspension copolymer classified under ASTM Specification D 2474 as C13-2730. VSJE-10 was designed primarily for vinyl-asbestos flooring applications, and is characterized by ease of processing, low fines level, high apparent density, good initial color, and thermal stability.

Properties of BAKELITE Vinyl Resin VSJE-10

Property	Testing Method	Typical Value
Inherent Viscosity, 0.2 g. in 100 ml. cyclohexanone, 30°C.	D 1243	0.49
Polyvinyl Chloride, % by weight	WC-294-B	86.0
Specific Gravity	WC-1-C-1	
Particle Size Distribution, % by wt. through	WC-7-F	
USBS Sieve No. 40		100
USBS Sieve No. 200		8
Median Particle Size, microns	WC-7-F	140
Apparent Density, lb. per cu. ft.	WC-2-B	39
g. per cc.		0.63
Resin Dry Flow, seconds per 400 cc.	D 1895, Method B	3.5
Heating Loss, % by wt., 45 minutes at 105°C.	WC-160-H	1.5
Appearance	Visual	White powder

September, 1969

UCC 081805

BAKELITE and UNION CARBIDE are registered trade marks of Union Carbide Corporation

This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation and verification.

UNION CARBIDE CORPORATION • 270 PARK AVENUE, NEW YORK, N.Y. 10017

PACKAGING AND LABELING The standard package for VSJE-10 is a multi-wall paper bag containing 50 pounds of product. The package will be plainly marked with the product and blend numbers and the quantity of material contained. BAKELITE Vinyl Suspension Resin VSJE-10 is also available in bulk; by hopper car containing approximately 150,000 pounds and in certain geographic areas, by hopper truck containing approximately 40,000 pounds.

SHIPPING AND STORAGE VSJE-10 is a stable material when kept in closed containers stored in a cool dry place.

TESTING METHODS Tests are made in accordance with current issues of the ASTM and UNION CARBIDE (WC) testing methods designated. The former can be obtained from the American Society for Testing and Materials, Philadelphia, Pa., while the latter are available from Union Carbide Corporation upon request.