

BAKELITE® VINYL RESIN QSAL-7

DESCRIPTION Medium molecular weight suspension polyvinyl chloride homopolymer classified under ASTM Specification D 1735 as GP4-15343. QSAL-7 is a dry blending resin characterized by excellent thermal stability, ease of flow, low fines level, fast drying, and a low fisheye content.

APPLICATIONS QSAL-7 is used in non-rigid formulations for calendering, extrusion, and molding operations. The low fines level, particle size distribution, and high porosity provide rapid drying cycles and free-flowing dry blends.

Rigid extrusion of pipe, house siding, sheet and profiles. The favorable particle size distribution and low fines level provide steady powder-blend flow characteristics in extruder hoppers with minimum dustiness.

Properties of BAKELITE Vinyl Resin QSAL-7

Property	Testing Method	Typical Value
Inherent Viscosity, 0.2 g. in 100 ml. cyclohexanone, 30°C.	D 1243	0.94
Particle Size Distribution, % by wt. through USBS Sieve No. 40	WC-7-F	100
USBS Sieve No. 200		3
Median Particle Size, microns	WC-7-F	140
Apparent Density, lb. per cu. ft.	WC-2-B	31
g. per cc.		0.50
Resin Dry Flow, seconds per 400 cc.	D 1895, Method B	3.2
Heating Loss, % by wt., 45 minutes at 105°C.	WC-160-II	0.3
Appearance	Visual	White powder

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FOOD ADDITIVE STATUS QSAL-7 is produced in accordance with good manufacturing practices and is prior sanctioned by the Food and Drug Administration for use in food contact applications.

PACKAGING AND LABELING The standard package for QSAL-7 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 - QSAL-7 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 QSAL-7 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 or 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.