



Product Information

Aquarez PVB 605

Provisional Product Description

Aquarez PVB 605 is a water-based dispersion of a Polyvinyl Butyral plasticised with Butyl Ricinoleate, suitable for use in coating and adhesive applications. Based on a higher molecular weight polymer with a high plasticiser ratio it imparts flexibility and softness combined with good tensile strength and transparency when dried at room temperature. It has excellent adhesion to many substrates, including glass, wood, plastics and metal. It is suitable for use in Protective Coatings, Strippable Coatings and as a Textile Binder.

Product Features

- Zero VOC content
- Low viscosity
- Free of APEO surfactants
- Increased stiffness
- Increased water resistance
- Resistant to heat and UV
- PVB: Plasticiser ratio 7:3
- Good storage stability & low sedimentation.
- Good compatibility with Waterbased polymer dispersions

Typical Properties (provisional)

- Total solid content 50.0%
- Active solid content 46.0%
- Viscosity <1000 cps
- pH 9 - 9.5
- Specific Gravity 1.02
- Particle size, $d_{95} < 4\mu\text{m}$

Application & Dosage

This product can be used as-supplied, or can be further formulated with compatible waterborne resin dispersions, thickeners, pigments and cross-linkers in coatings, adhesives and sealants. Its excellent tensile strength and cohesive properties make it ideally suited for the formulation of temporary protective coatings for metals, glass, composites and plastics.

Packaging and Storage

Aquarez PVB 605 can be supplied in 200Kg HDPE Drum and 1000Kg Intermediate Bulk Container. The product should be stored in dry, cool conditions away from heat or direct sunlight and it must be protected from freezing. Periodic, slow speed mechanical agitation is recommended when using this product