EcoBlend UV

TECHNICAL DATA SHEET

Description

Post-consumer recycled PVB dispersion made from PVB interlayer in safety glass and windshields. EcoBlend UV is an aqueous dispersion of plasticized polyvinyl butyral which creates a strong film that can be used in many different applications for coating or binding.

The film formed from EcoBlend UV dispersions is transparent with a blue tint from the tinting in windshields. Different grades are available with varying amounts of blue tint for applications where optical clarity is necessary. Windshield PVB is heat and UV resistant and those properties carry over to the recycled dispersion. With EcoBlend UV, ultraviolet protection agents were incorporated to enhance its suitability for outdoor applications.

EcoBlend UV can be formulated for specific applications. Pigments and fillers can be easily incorporated. The dispersion can be diluted with water. Viscosity can be adjusted with thickeners. Combining this product with other additives whose pH is less than 7 are not recommended as acids will coagulate the dispersion. For custom formulation or creation of ready to use product for specific applications please reach out to Polycom technical department.

Properties	Specification
Solids, %	47.00-49.00
pH	9.5-10.5
Viscosity (cP)	<1500
Specific Gravity	1.01
Weight/Gallon (lbs)	8.40
Particle Charge	Anionic

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