

VINISOL WPOH

Description:

VINISOL WPOH is a vinyl chloride, vinyl acetate and Hydroxypropyl Acrylate terpolymer resin. VINISOL WPOH is used in applications that require excellent solubility and with hydroxyl functionality ("OH" groups). The presence of hydroxyl groups offers increased compatibility with several other types of polymers, including certain alkyd resins and some types of polyurethanes. The presence of the hydroxyl group in the molecule allows "crosslinking" in systems ("bi-component") that require excellent adhesion, flexibility, hardness and chemical resistance. Paints prepared with this resin show good adhesion to wood, paper and plastic.

Applications:

Paints for polyurethane (PU) footwear
Printing inks for packaging
Anticorrosive paints
Paints with high chemical resistance
Printing inks for leather, paper and plastics
Wood paints of "primer/sealer" type for furniture
Paints for automotive plastic parts

Technical Specifications:

	Value	Unit	Test Method
Volatile Content	max. 2,00	%	ISO 1269
Vinyl Acetate Content	8,0 ± 1,0	%	IR Method
Vinyl Chloride Content	84,0 ± 2,0	%	IR Method
Hydroxypropyl Acrylate Content	8,0 ± 1,0	%	IR Method
Brookfield Viscosity in MEK (1)	max. 300	cP	Internal Method
Film Appearance (2)	Transparent	-	Internal Method

(1) 20% resin in MEK at 25°C (Viscometer – Type B)

(2) Evaluation based on the solution above.

Packaging and Storage:

VINISOL WPOH is supplied in plastic bags of 22.68 kg.

The bag must be stored at temperatures under 35°C, protected from moisture and direct sunlight, and kept on pallets to avoid direct contact with the floor.

Shelf Life:

One year under recommended storage conditions.

Precautions and Safety:

Please refer to the MSDS (Material Safety Data Sheet).

Final Comments:

The data and information contained in this data sheet information represent our current knowledge stage, and serve only as a guide for product applications. In case of doubts about specific applications, please contact our technical service department.