

Technical Leaflet

Resiflow W 5200

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Resiflow W 5200 is a silicone free, modified polyacrylate flow control agent and resin modifier. Resiflow W 5200 exhibits an excellent compatibility with various resins and is recommended for solvent based and especially for aqueous systems and printing inks.

This carboxylic polymer can be made water soluble by neutralisation with an organic amine or ammonia. Pinholes, craters, pores, fish eyes, roller marks, orange peel effect and other surface imperfections can be eliminated or substantially reduced by incorporating 0.2 - 1.5 % Resiflow W 5200 calculated on total formulation into water or solvent based coatings and printing inks. Frequently, 2 % or more of the additive can produce totally transparent coatings.

Resiflow W 5200 is a weather and UV stable product.

Technical Data:

Appearance	colourless, high viscous liquid
Viscosity, DIN 53015, 80% in xylene	10 - 20 Pa·s
Acid value, delivery form, DIN EN ISO 3682	70 - 80
Non volatile content, DIN EN ISO 3251	min. 96%

Application and Properties:

Resiflow W 5200 is suitable for solvent as well as for water based coatings and inks. Resiflow W 5200 is soluble in aromatic hydrocarbons, alcohols, esters, ketones and glycol ethers. Insoluble is Resiflow W 5200 in aliphatic hydrocarbons.

Best results are obtained by adding Resiflow W 5200 into the coating resin first and then blending it with the other coating ingredients.

At normal concentrations of 0.2 - 1.5% Resiflow W 5200 is compatible with the following resins: alkyds, polyesters, polyurethanes, acrylics, nitrocellulose, rosin, neoprene, PVC, epoxies, epoxy esters and others.