

SILICA-BASED RHEOLOGY CONTROL ADDITIVES

AERODISP® WF 7620

Functionalized AEROSIL® fumed silica dispersion for water-based coatings

NEW



Description

AERODISP® WF 7620 is an aqueous dispersion containing 20 wt.% active material of a functionalized AEROSIL® fumed silica.

It provides higher rheological performance in water-based coating formulations compared to fumed silica powders and dispersions on the market. AERODISP® WF 7620

efficiently prevents settlement of pigments and fillers in the liquid phase as well as sagging during the spray application. By using AERODISP® WF 7620, customers can skip pearl milling and do not need any other high shear equipment for incorporation, therefore it is recommended also for post addition. It is suitable for pigmented and clear water-based formulations alike.

AERODISP® WF 7620 – At a Glance



Attractive product profile

- Highest rheological efficiency
- Outstanding anti-sagging & anti-settling properties



Easy to use

- Easy to incorporate – post addition, just stir in
- Higher compatibility than existing dispersions
- As supplied 5–10% dispersion on total formulation



Broad applicability

- Addition at let-down stage for final adjustment
- For multiple end markets, e.g. General Industrial, Transportation coatings, Plastic, Wood, OEM



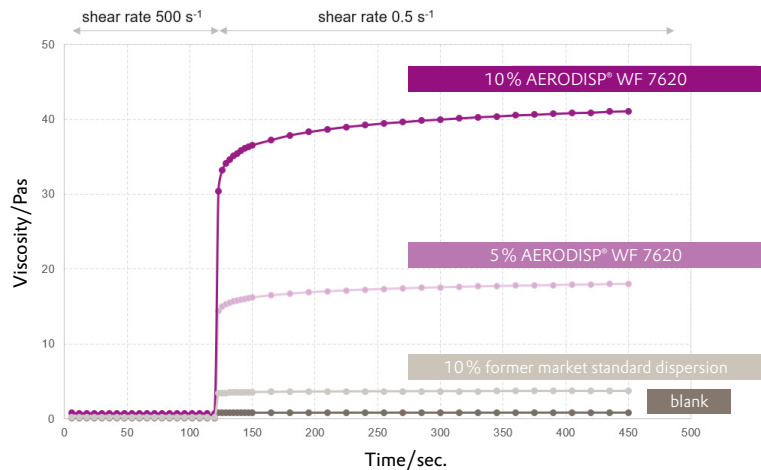
[Click here for more information!](#)

Unique properties for water-based coatings

- AERODISP® WF 7620 is a versatile and powerful tool for thixotropy by maintaining good levelling properties
- Highly effective even in presence of larger amounts of co-solvents
- Robust rheological performance in a broad pH-range
- Applying AERODISP® WF 7620 has no negative influence on gloss and transparency
- Advantages for 2p systems: no impact on pot-life viscosity

Superior viscosity jump curves

e.g. water-based acrylic resin

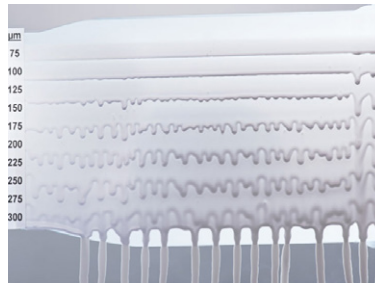


Superior anti-sagging properties

e.g. water-based filler



Reference w/o rheology agent



10% AERODISP® WF 7620



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