ADDITOL® VXW 6388 RHEO

Technical Datasheet

This product was previously marketed as **ADDITOL® VXW 6388**. All specifications, formulations, and performance characteristics remain unchanged.

TYPE

Polyurethane thickener for air-drying, aqueous coating systems

FORM OF DELIVERY

Active substance
approx. 35 %

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219		
dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	1500 - 5000
Non-Volatile Matter DIN 55671		
non-volatile matter (120 °C; 10 min)	[%]	34 - 36

Not continually determined:

Colour / Appearance VLN 250		
colour		whitish
Density (Liquids) DIN EN ISO 2811-2		
density approx. (20 °C)	[g/cm³]	1,05
Flash Point (Pensky-Martens) DIN EN ISO 2719		
flash point	[°C]	>90

SPECIAL PROPERTIES

ADDITOL® VXW 6388 RHEO additive is an urethane modified polyether with a high thickening effect in the middle shear range.

SUGGESTED USES

ADDITOL® VXW 6388 RHEO additive is used for thickening and modification of flow properties of waterborne paints in the middle shear area e. g. gloss paints, dispersion paints and anti-corrosive paints.

Combinations of ADDITOL® VXW 6388 Rheo with ADDITOL® VXW 6360 RHEO additive allow adjustment of rheology on adequate demands.

It enables the paintmaker to formulate paints with excellent rheological properties, resulting in improved flow and levelling, film-build and brushability. ADDITOL® 6388 RHEO can be added directly to the mill-base batch or after pigment dispersion together with the other paint components to the letdown. To gain optimum gloss we recommend to incorporate ADDITOL® VXW 6388 RHEO after pigment dispersion. It can be added undiluted, but in some cases a pre-dilution with deionized water is advantageous.

Suitable for radiation curing systems.

DOSAGE

The quantity of ADDITOL® VXW 6388 RHEO additive used in paints depends on the wanted rheological properties.
Quantity to be added: 0.1 - 3.0 % on paint formulation.

STORAGE

Synthetic additives containing water may freeze or get inhomogeneous at temperatures below 0 °C. By this, the product will not suffer any damage, but the necessary regeneration requires extended heat treatment at 40 - 50 °C with continuous stirring. It is therefore recommended to ensure frostproof storage of such products.

SHELF LIFE

Standard Shelf Life is 365 days from the date of manufacturing.
For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.