ADDITOL® XW 6588

Technical Datasheet

PRELIMINARY PRODUCT INFORMATION

TYPE

Polymeric low ion migration (LIM) dispersant

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 48 %

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219		
dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	800 - 3000
Non-Volatile Matter DIN 55671		
non-volatile matter (150 °C; 10 min)	[%]	46 - 50
Colour / Appearance VLN 250		
colour		light brown
appearance		clear

Not continually determined:

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]	> 100

SPECIAL PROPERTIES

Additol XW 6588 is special designed "low ion migration" technology based dispersant for organic and inorganic pigments as well as extenders. It can be used as direct grinding or pigment slurry dispersant.

Focus fields of applications:
- Radiation curing systems
- Direct to metal (DTM) acrylic systems with ambient corrosion protection performance
- Heavy duty anti corrosion paint systems based on waterborne 1k and 2K Epoxy amine systems
- Other industrial physical drying or cross linkable paint systems with improved chemical resistance and anti-corrosive performance
- Ultra-low VOC formulations

Special features:
- High pigment loading and gloss improvement
- Best in class color stabilization, anti-floating (rub-out) and anti-sedimentation effect
- Extreme hydrophobic polymer allows improved water, humidity and weather resistances
- Very good compatibility to all sensitive resin systems

PROCESSING

Additol XW 6588 delivers best dispersing results when added in the mill-base together with pigments and extenders.

The recommended quantity to be added, is as follows:
3 - 10 % for inorganic pigments and/or extenders
15 - 50 % for organic pigments.

STORAGE ADDITOL XW 6588

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

Additives containing water may freeze or become inhomogeneous at temperatures below 0 °C. Therefore such products ought to be stored frost-free.

Lowest storage temperature: 5 °C

DISTINGUISHING FEATURES

Additol XW 6588 is the next generation of Addtiol VXW 6208.

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.