ADDITOL® VXW 6208/60

Technical Datasheet

TYPE

Polymeric non-ionic dispersing and wetting additive for solvent-borne, solvent-free and water-dilutable paint systems

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 60 %

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219		
dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	300 - 2000
Non-Volatile Matter DIN EN ISO 3251		
non-volatile matter (1 h; 125 °C; 1 g)	[%]	58 - 62

Not continually determined:

Colour / Appearance VLN 250		
colour		yellow-brown
Density (Liquids) DIN EN ISO 2811-2		
density approx. (20 °C)	[g/cm³]	1,03
Flash Point DIN EN ISO 1523		
flash point approx.	[°C]	40

SPECIAL PROPERTIES

Additol VXW 6208/60 is a dispersing and wetting additive for inorganic and organic pigments and extenders. It enhances the gloss and stabilizes the achieved degree of gloss. It decreases viscosity, especially in high-filled paint systems. It isn't compatible with binders which are dissolved in aliphatic hydrocarbons.

SUGGESTED USES

Suitable for radiation curing systems.

Additol VXW 6208/60 is used for the production of binder-free pigment pastes and for tinting base colours.
Additol VXW 6208/60 is mainly applied as wetting agent in solvent-free and solvent-borne two pack-epoxy-systems.

PROCESSING

Additol VXW 6208/60 must always be ground with pigments and fillers.

The optimum quantity to be added for the production of binder-free pigment pastes calculated on pigment:
3 - 6 % inorganic pigments and fillers
30 - 35 % organic pigments

Recommended as dispersing solution is a mixture of Additol VXW 6208/60, propylene glycol and methoxy propanol in a ratio of 1 : 4 : 2.

Dosage as wetting agent in two pack-epoxy-systems:
1 - 5 % on pigment and filler

STORAGE

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

Upon long term exposure to temperatures below 10 °C, Additol VXW 6208/60 may get cloudy and may show some crystallization. These effects are reversible and can be eliminated by warming up the product to 20 - 25 °C for several hours. After this treatment the product can be used without any restrictions.

DISTINGUISHING FEATURES

Additol VXW 6208/60 in comparison with Additol VXW 6208 is dissolved in solvents, which are unlimited compatible with deionized water.