

ADDITOL[®] XL 6526

PRELIMINARY PRODUCT INFORMATION

TYPE

Silicone acrylic hybrid flow modifier

Active substance approx. 100 %

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:

Colour / Appearance VLN 250

colour		class-slightlyel
appearance		clear

Dynamic Viscosity (Brookfield) DIN EN ISO 2555

dynamic viscosity	[mPa.s]	14000 - 24000
(5; 10; 25 °C)		

Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value		< 200
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Refractive Index DIN 53491

refractive index		1,4620 - 1,4650
(25 °C)		

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter	[%]	>= 96
(2 h; 105 °C; 1 g)		

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density	[g/cm ³]	1,08
approx.		
(25 °C)		

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
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class-slightlyel = colourless to slightly yellow

SPECIAL PROPERTIES AND USE

Additol XL 6526 is a highly effective, low viscosity flow and levelling additive used to prevent defects such as orange peel or cratering. Even in fast drying systems, it enhances coating DOI (distinctiveness of image), substrate wetting, gloss, and flow and levelling properties, without harming recoating and inter-coat adhesion properties. Compared to traditional acrylic or silicone based flow and levelling additives, it has a superior balance of compatibility and efficiency. It is recommended for high solids solvent-borne coatings and 100% UV coating systems for automotive OEM, refinish and industrial coating systems.

The recommended dosage level is between 0.05% and 0.1% on total formulation.

STORAGE

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

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.

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