

TYPE

Silicone type paint additive

FORM OF DELIVERY (f.o.d.)

low viscous liquid

Active substance

approx. 50 %

PRODUCT DATA

Determined per batch:

Iodine Colour Number DIN 6162

iodine colour number <= 5

Refractive Index DIN 53491

refractive index (20 °C) 1,4330 - 1,4380

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 44 - 46

*

(1 h; 125 °C; 1 g)

Not continually determined:

Colour / Appearance VLN 250

colour colourless
appearance clear

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] approx. 0,97
(20 °C)

Flash Point DIN EN ISO 1523

flash point [°C] approx. 63

SPECIAL PROPERTIES

Paint additive to enhance mar resistance and slip and levelling, particularly of water dilutable paints.

SUGGESTED USES

Additol XW 329 is a silicone resin supplied as low viscous solvent containing liquid. Additol XW 329 enhances the slip of the film surface and thus protects it from scratching and abrasion. Furthermore, Additol XW 329 improves levelling of the film and prevents film defects. Thus the surface quality in general is improved. In many cases gloss is also enhanced.

Additol XW 329 can be employed in water dilutable paints of any type. Reduced intercoat adhesion has not been experienced with the use of Additol XW 329.

The effect of Additol XW 329 varies with the formulation of the paint. A level of 0.1 - 0.3 % of Additol XW 329 on the finished paint may serve as a guide.

PROCESSING

In order to obtain thorough distribution in the paint it is recommended to add Additol XW 329 prior to final dilution with the solvents and prior to adjusting the final colour tone.

SPECIAL INDICATONS

The full effect of Additol XW 329 in paints comes out immediately after incorporation and is not diminished upon prolonged storage.

Additol XW 329 is supplied dissolved in flammable solvents and should be handled with the following precautions:

1. Store in cool places and protect from open flames.
2. Do not inhale vapours for too long.
3. Use protective goggles.

STORAGE

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

* Note

The non-volatile matter content of a product is not an absolute quantity but depends upon the temperature and period of heating used for the test. Consequently, when using this method, only relative and not true values for non-volatile matter content are obtained owing to solvent retention, thermal decomposition and evaporation of low molecular mass constituents. The method is therefore primarily intended for testing different batches of the same type of product.

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