

RESYDROL[®] VAX 5227w/55LG

TYPE

Water dilutable, epoxy resin-modified, oil-free, alkyd resin for stoving enamels

Neutralization agent

2,2 % N,N-dimethylethanolamine, as salt

FORM OF DELIVERY (f.o.d.)

55 % in solvent mixture (55LG)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity 44% BG (10 1/s; 23 °C)	[mPa.s]	90 - 500
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pH-Value DIN ISO 976 pH-value adjustment of pH value with N,N-dimethylethanolamine (10 %)		7,0 - 9,0
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Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	53 - 57
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Not continually determined:

Colour / Appearance VLN 250 colour appearance		brown opaque
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Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm ³]	1,05
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Flash Point DIN EN ISO 1523 flash point approx.	[°C]	57
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SPECIAL PROPERTIES AND USE

Resydrol VAX 5227w/55LG is used for the formulation of water dilutable stoving paints. Coatings based on it are remarkable for their very good corrosion resistance. For film formation Resydrol VAX 5227w must be crosslinked with melamine resins suitable for aqueous systems. Minimum stoving temperature is 120 °C.

The addition of Resydrol VAX 5227w to other water dilutable alkyd resins and oil-free alkyds used for the formulation of automotive primer surfacers improves reactivity, pigment wetting and corrosion protection as well as build.

Stoving range: 120 - 190 °C

STORAGE

At temperatures up to 35 °C storage stability packed in original containers amounts to at least 365 days.

Synthetic resins 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.

Lowest storage temperature: - 12 °C

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• Worldwide Contact Info: www.allnex.com •

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