

MACRYNAL[®] SM 6810w/42WA

TYPE

Aqueous, hydroxy functional acrylic resin

Neutralization agent

1.2 % N,N-dimethylethanolamine, as salt

FORM OF DELIVERY (f.o.d.)

42 % in water (42WA)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	200 - 3000
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pH-Value DIN ISO 976 pH-value (10 %)		8,2 - 9,0
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Acid Value DIN EN ISO 2114 acid value (solids)	[mg KOH/g]	16 - 23
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Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	40,5 - 43,5
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Not continually determined:

Hydroxyl Value DIN 53240 hydroxyl value approx. (solids)	[mg KOH/g]	135
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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	[°C]	> 65
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Appearance

whitish

SPECIAL PROPERTIES AND USE

In combination with water-emulsifiable polyisocyanates for high quality 2-pack-topcoats with excellent applicability and appearance.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 180 days.

It is important to protect Macrynal SM 6810w from frost; at low temperatures it has therefore to be stored under frostproof conditions.

Lowest storage temperature: + 1 °C

DISTINGUISHING FEATURES

Compared with Macrynal VSM 6299w, Macrynal SM 6810w shows a somewhat slower drying at room temperature, but higher blisterfree film thickness.

6.0/17.07.2013 (replaces all previous versions)

• Worldwide Contact Info: www.allnex.com •

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