

SYNOLAC 810AG

Saturated (Oil Free) Polyester Resin

Product Information

SYNOLAC 810AG is an oil-free polyester developed for quality finishes for metal decorating and coil coating applications. Outstanding features include good flexibility and forming properties, good adhesion and good performance for low bake system.

Sales Specification

Non-volatile content, % (ISO 3251, 1h, 125°C)	59 – 61
Viscosity at 25°C, Gardner Holdt (DIN 53 015)	Z4 – Z5+
Colour, Gardner scale (ASTM D1544)	Max. 4
Acid value, mg KOH/g (ASTM 3682)	Max. 10

Other Properties

Volatile	Solvesso 150/Butyl Glycol
Density at 25°C, g/cm ³ (ISO 2811)	1.05
OH Value, %	0.79

Noted: Acid value & OH value quoted relative to solid resin

Recommendations for Use

SYNOLAC 810AG should be used with a suitable methylated melamine resin in the ratio of 80:20 to 85:15 based on solid resins.

The addition of a catalyst such as Nacure 2500 (King Industries) at 0.1 – 0.2% can assist in increasing cure rate.

Solubility

Glycol Ether Ester	Complete
Glycol Ether	Complete
Aromatic hydrocarbon	Complete

Compatibility

Butylated Melamine Resins	Very Good
HMMM Resins	Very Good
Benzoguanamine Resins	Fair

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Precautions for Use

Please refer to corresponding Safety Data Sheet.

Storage Recommendations

SYNOLAC 810AG should be stored under shelter in the original containers at temperature not exceeding 35°C. Avoid exposure to direct sunlight.

Shelf Life

Under the above mentioned storage conditions the shelf life of the resin will be 12 months.



The world is our inspiration

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