

COATING RESINS

PROVISIONAL TECHNICAL DATA

CRAYVALLAC A-2678-M

SALES SPECIFICATION

Non-volatile content, % (1 hour @ 110°C) (MOLES1110)	49-51
Viscosity Brookfield (25°C), mPa.s (MOLVBMPA)	1800-2800
Acid Value, mgKOH/g, on product as supplied (MOLIASS)	58 (max.)
Colour, Gardner (MOLIC)	4 (max.)

OTHER PROPERTIES

Density at 25°C, g/cm ³	1.05
Appearance	Liquid
Solvents	Water/ BG/ DMEA (58/26/16 by weight)

PRODUCT INFORMATION

CRAYVALLAC A-2678-M is a high performance acrylic dispersing and flow control agent for the control of coating surface properties.

The main characteristics of **CRAYVALLAC A-2678-M** are:

- Thermoplastic
- Grind aid for Waterborne Coatings
- Suitable for most coating systems
- Contains no silicone ingredients
- Recoatable
- Pre-Neutralised
- Pourable

CRAYVALLAC A-2678-M is suitable for use in a wide range of water based coating systems and applications:

- Acrylic Emulsions
- Water Reducible Alkyds
- Water Reducible Thermoset Resins
- PUD's

RECOMMENDED AMOUNTS

Generally 0.5 – 2.0 % additive solids on total vehicle solids for flow/levelling and gloss enhancement.

Up to 10% (based on pigment solids) **CRAYVALLAC A-2678-M** solids for use as grinding aid.

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC A-2678-M has been developed specifically to eliminate film surface defects that may occur during the film formation. At recommended levels, no side effects should be evident, with the exception that in some clear coatings over

bright/reflective metals a slight haze may be noticeable, depending on compatibility.

The following benefits are to be gained by using **CRAYVALLAC A-2678-M** in water based coatings:

- Enhanced substrate wetting
- Improved flow and levelling
- Reduced craters and fisheyes
- Reduced orange peel and pinholes
- Improves gloss and DOI
- Will not detract from exterior durability

The results of these enhancements are smoother films with fewer imperfections and a superior overall appearance when compared with the unmodified coating. **CRAYVALLAC A-2678-M** can be added to coating formulations at any step in the manufacturing of paints. **CRAYVALLAC A-2678-M** can also be post added in the field.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC A-2678-M** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTIONS FOR STORAGE

CRAYVALLAC A-2678-M should be stored in the original containers in a dry place at temperatures between 5°C (41°F) and 30°C (86°F). Avoid exposure to direct sunlight or frost. Under these conditions the product may be stored for up to 2 years after production date.

PRECAUTIONS FOR USE

Please refer to the corresponding Safety Data Sheet.