# UFRZ-1020 Fumaric modified Rosin Resin



# **Description**

UFRZ-1020 is a fumaric modified Rosin Resin for use in solvent or water-based inks and varnishes.

# **Characteristics**

- Soluble in alcohol and dilutable in water, with addition of ammonia or amines
- Compatible with Nitrocellulose, Polyurethane, Acrylic dispersions or resins
- Improved solvent release
- High gloss
- Excellent adhesion

# **Suggested Application**

 Solvent or water-based Flexo or Gravure Inks and Overprint Varnishes

# **Typical Properties**

Acid value [mg KOH/g]	190 - 210
Appearance	Amber solid flakes
Colour, Gardner	≤ 8
Softening Point [°C]	136 - 150
Viscosity @ 30 °C, FCB4, in 50% Ethanol [s]	12 - 22

#### **Storage**

The resin should be stored in original, unopened packaging in a cool, dry place and should not be exposed to direct sunlight. Typical storage temperatures should be between 15 - 30 °C.

# Shelf Life

The product has a shelf life of at least 6 months from the date of manufacture.

# Safety

When handling this product, please work according to the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

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This Technical Data Sheet can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Because there are many factors under the control of the user which may affect processing or application/use, it is necessary for the user to carry out appropriate tests to determine whether the product is technically and safely suitable for the particular purpose, prior to use. No warranties of any kind, either expressed or implied, are made regarding the product here described. We assume no liability for correctness.