

## URZ-190936

### Description:

URZ-190936 is a high viscosity phenolic modified rosin resin, characterized by low solubility. It is delivered as amber coloured solid flakes.

### Application:

URZ-190936 was developed for the general use in printing inks for Heatset, Coldset and Sheetfed applications in the letdown step.

The material provides fast setting and leads to improved press performance.

### Typical properties:

Property	Typical value
Appearance	Amber color solid flakes
Colour by Gardner	8 - 13
Acid value [mg KOH/g]	max. 25
Softening point (B&R) [°C]	160 - 180
Viscosity 40% in linear alkyl benzene @ 20 °C and D = 50 s <sup>-1</sup> [Pa*s]	40 - 70
Cloud Point 10% in test oil 6/9af new [°C]	145 - 170

### Storage:

It is strictly recommended to store the material under dry conditions and to process it quickly once the bag is opened. Typical storage temperature 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.

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.