

## Laropal<sup>®</sup> A-81

Art.-No.: 4160 010, .... 056

### Product Introduction

Aldehyde resin. Used mainly in combination with binders in many types of coating formulations and for manufacture of solvent based pigment pastes. Improves gloss, hardness, body, adhesion and resistance to yellowing. Provides good pigment wetting and good heat resistance. Offers compatibility with many coatings raw materials including alkyd resins, cellulose nitrate, cellulose acetobutyrate, vinyl chloride copolymers, chlorinated rubber, hydroxyl polyacrylates, melamine-formaldehyde resins, aromatic and aliphatic epoxy resins, hydrocarbon resins and phthalate plasticizers.

### Product Details

Product Type	Amino Resins, Urea-based	
Chemical Composition	Condensation product of urea and aliphatic aldehydes	
Applications/ Recommended for	Coatings Bindingmedia	
Softening range	80 - 90 °C	
Iodine colour number	< 3	
Density (20 °C)	1,11 g / cm <sup>3</sup>	
Hydroxyl value	40 mg KOH/g	
Saponification value	65 mg/ KOH/g	
Tg	49 °C	
Soluble in	99 % Isopropanol	Art.-Nr. 2312 000
	99,7 % Ethanol	Art.-Nr. 2309 001
	Methoxypropanol (Green Solvent)	Art.-Nr. 2326 201
	Ethyl Lactate (Green Solvent)	Art.-Nr. 2309 110
	Diacetone Alcohol	Art.-Nr. 2301 000
	Mixture of Ethyl Lactate and Isopropanol	1:1
	Mixture of Ethanol and Diacetone Alcohol	1:1
Slightly soluble in	Aliphatic solvents	

Available on Deffner & Johann:

Art.-No.	Product	Description
4160 010	GAMBLIN Laropal A-81	100 g
4160 056	GAMBLIN Laropal A-81	250 g

Note:

The specifications given in this product data sheet are only for product description and refer to the time immediately after the production or import of the product. They correspond to the specifications of the manufacturer. A legally binding assurance of certain characteristics or the suitability for a certain application cannot be derived from this. Improper transport and/or improper storage may result in changes. The information in this product data sheet does not release the processor from its own examination of the properties of the product and its suitability for the intended use.

Numerous materials, tools and devices can be found at:

[www.deffner-johann.de](http://www.deffner-johann.de)

Produkt Information - Laropal A-81