



**Technical Data Sheet:**  
**Retardant 512**

**Code:**  
**1263**

**Ref.:** ST263  
**Rev.:** 5  
**Date:**  
13/07/2021

**Product Type:**

Retardant for mordant dyes and inks.

**Formats:**

Tanks 1000 liters,  
Drums 200 liters,  
Cans 25 liters.

**Product Characteristics:**

Blend of high-boiling solvents.

**Technical Specifications of the Product:**

CHARACTERISTIC	UM	VALUE	METHOD	TOLERANCE
Physical state		Liquid	Visual	//
Color		Colorless clear	Visual	//
Density at 20°C	Kg/dm <sup>3</sup>	0.921	Met. Int. ISTR. 44	± 0.005
Water content	%	0.10	Met. Int. ISTR. 48	Maximum
Flash point	°C	32	Met. Int. ISTR. 53	Typical
Index of refraction at 20°C	IR	1.406	Met. Int. ISTR. 46	± 0.005

**Use / Applications:**

It delays the evaporation of flexographic printing thinners and thinners for heat-resistant opaque inks.

**And also:**

It can also be used as a retardant of dye thinners and pure acetone (prevents the phenomenon of wood bleaching that could be caused by using acetone alone).

**How to use:**

It is added to the ink-diluent mixture in the proportion of 2-20%, until the desired evaporation speed is obtained, depending on environmental conditions, ink characteristics and machine speed. It is also added to the dye to obtain the desired shade.

**Additional Information: //**

*The above information is provided based on our theoretical and practical knowledge. The company, however, does not assume any liability as the conditions of use and application are not subject to the control of Fidea SpA*