

CERACOL 83

Wax dispersion to improve the transfer properties of solvent-borne formulations for thermal transfer ribbons.

Product Data

Composition

Fischer-Tropsch wax dispersion

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Non-volatile matter (60 min., 125 °C):	20 %	
Carrier:	Isopropanol	
Melting point (wax content):	105 °C	
Particle size distribution (laser diffraction, volume distribution):	D50: 2.5 µm	D90: 6 µm
Viscosity (23 °C, D=800/s):	< 100 mPa·s	

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

Temperature sensitive. To be stored and transported at a temperature below 35 °C. Mix well before use.

Applications

Thermal transfer ribbons

Special Features and Benefits

The additive improves the thermal transfer, the printing sharpness and the rub resistance in solvent-borne formulations for thermal transfer ribbons.

Recommended Levels

70-80 % additive (as supplied) based on the total formulation in the release layer.

20-30 % additive (as supplied) based on the total formulation in the pigmented layer.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive should preferably be post-added to the coating at a low shear rate. Mix well before use.



Additive Guide



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