

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., 257 °F):	20 %	
Carrier:	Isopropanol	
Melting point (wax content):	221 °F	
Particle size distribution (laser diffraction, volume distribution):	D50: 2,5 µm	D90: 6 µm
Viscosity (73 °F, 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 (95 °F). 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.

CERACOL 83

Data Sheet
Issue 11/2014



Additive Guide



BYK USA Inc.
524 South Cherry Street
P.O. Box 5670
Wallingford, CT 06492
USA
Tel 203 265-2086
Fax 203 284-9158

cs.usa@byk.com
www.byk.com

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. ACTAL®, ADJUST®, ADVITROL®, ASTRABÉN®, BENTOLITE®, CLAYTONE®, CLOISITE®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, LAPONITE®, MINERAL COLLOID®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PURE THIX®, RHEOCIN®, RHEOTIX®, RIC-SYN®, TIXOGEL®, and VISCOSEAL® are registered trademarks of BYK Additives. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAX®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera. SCONA® is a registered trademark of BYK Kometra.

The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty, either expressed or implied, is made or intended. Use by a customer should be based upon their own investigations and appraisals. Any recommendation should not be construed as an invitation to use a material in infringement of patents.
This issue replaces all previous versions – Printed in the USA