

CERACOL 615

Wax dispersion to improve the surface properties of coating formulations, especially solvent-borne polar and aqueous can coatings systems with a high cosolvent content.

Product data

Composition

Dispersion of a microcrystalline wax

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 %
Solvents:	Dipropylene glycol monomethyl ether
Melting point (wax content):	95 °C
Particle size distribution D50*:	6 µm
Particle size distribution D90*:	10 µm
Viscosity (23 °C, D=400/s):	< 200 mPa·s

* volume distribution determined by laser diffraction

Storage and transportation

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

Applications

Coatings industry

Special features and benefits

The wax additive is particularly suitable for achieving good optical as well as technical properties of can coatings before and after the sterilization process. It increases the surface slip while also improving the scratch resistance of the coating. At higher dosages, the wax additive generates meat release properties.

Due to the good compatibility, the wax additive is particularly suitable for BPA-free can coatings. It achieves optimum efficiency in solvent-borne polar and aqueous systems with a high cosolvent content.

Recommended levels

1–5 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive can be added at the end of the production process or post-added, and should be incorporated at moderate shear force. The product may separate and therefore should be mixed well before use.

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This issue replaces all previous versions.