

TECHNICAL DATA SHEET

Pearlescent Pigment ChemTech NK425

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SPECIFIC PRODUCT DATA

Appearance	Powder
Colour	A magic blue color, free flowing powder with a bright pearl luster
Particle size	10 – 60 µm
Relative density	2.8 – 3.4
Oil absorption, g oil/100g powder	70 - 90
Bulk density, g/100cm ³	15 - 30

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
Natural Mica	CAS-No.: 12001-26-2	48 – 52
Titanium dioxide	CAS-No.: 13463-67-7	48 – 52
C.I. Direct Blue 0015	CAS-No.: 2429-74-5	≤ 1

DESCRIPTION:

- Natural mica flakes coated with multiple layers of metal oxides.
- Chemically resistant in water, solvent and PVC-plastisol systems.
- Good light stability, which enables indoor and outdoor application.
- Non-toxic.
- Suitable for various type of applications as flexo, gravure and screen printing on paper, non-woven, vinyl, and other printing materials as well for masterbatches and plastic.
- Possible to achieve delicate glittery sparkling in low concentration or strong bright sparkle effect in high concentration.

ADDITIONAL INFORMATION

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