

Technical Data Sheet

Solvent Black 5



FINELAND CHEM
泛成化工

General Information

Color Index	Solvent Black 5 (C.I. 50415)
Product Code	CorSol®6705
CAS NO.	11099-03-9
EC No.	601-023-4
Chemical Formula	C ₈ H ₁₉ ClN ₂ O

Physical Properties

Appearance	Black uniform powder
Strength	100.0±3.0
Moisture(%)	≤3.0
Ash(%)	≤3.0
Mesh(Residue 150um sieve)(%)	≤0.5
Total Chlorine content(%)	≤3.0
Free Chlorine content(%)	≤1.0
PH Value	5-9

Fastness Properties

Heat Resistance (°C) in PS	200	Migration Resistance(1~5)	2-3
Light Resistance (Full Shade, 1-8)	4	Resistance to Acid(1~5)	4-5
Light (Reduced tinting, 1~8)	3	Resistance to Alkali(1~5)	4-5

*Heat Resistance: the maximum temperature in °C at which a change of color (DE ≤ 3) occurs after a dwell time of 5 minutes in the barrel of an injection molding machine as per DIN EN 12877-1.

Application & Performance

It is mainly used for coloring rubber, high-grade insulating bakelite, carbon paper and shoe polish etc. In addition, it is also widely used in coatings, inks, plastics, leather, sealants and electronic equipment (such as colorants for black matrix) etc. It's the bluish black.

Note

Fineland Chem offers innovative pigment technologies designed for long-lasting performance and consistent quality in industrial use. Product data is based on current knowledge and for reference only. Users should verify suitability; no liability is assumed for specific applications.

Date of issue: Sep., 1st 2024

TDS Version: 2.1