

Technical Data Sheet

MAZCOL BLUE 151 K

TDS No: MCL/ MSDS 16 Issue 02 According to 1907/ 2006/ EC, Article 3

Issue Date: June 1, 2013

1. Product Identification

Product Trade Name:	Mazcol Blue 151 K
Colour Index Name:	Pigment Blue 15:1
Colour Index Number:	74160
Chemical Class:	Copper Phthalocyanine Alpha stabilised
CAS No:	147-14-8

2. Description: It is a soft, easily dispersible pigment with high heat stability. Suitable for fibre and thin film.

3. Physical Characteristics

Physical appearance:	Fine Powder
Specific Gravity 20 °C:	1.65
Moisture Content:	Max. 0.5%
Water Soluble Matter:	Max. 0.5%
Sieve Residue:	Max. 0.5%
pH of Aqueous Extract:	6.5 – 8.5
Heavy Metals:	< 100 ppm
Bulk Density:	0.30 + 0.02 gm/cc
Oil Absorption :	38-45

4. Fastness Characteristics

Heat Stability:	280C° / 5 min.
Acid / Alkali Resistance:	5
Light Fastness (1-8 scale):	FT 8, RT 8
Weather Fastness (1-5 scale):	FT 5, RT 5
Migration in PVC / LD (1-5 scale): :	5
Fastness to bleed PVC (1-5 scale):	5
Solvent fastness (1-5 scale):	5
Key: (1-8 Scale) 1 = Poor, 8 = Excellent (1-5 Scale) 1 = Poor, 5 = Excellent	

Regulatory Compliance: Complies with AP (89), EN 71, RoHS, CONEG etc. It is suitable for coloration of plastics in contact with foodstuff. REACH pre registered.

Applications Recommended: Engineering Plastics / ABS/ Polystyrene/Polyester/ PBT/ PVC Rigid/ PVC Flexible/ Polyolefin /Rubber

Note : Data Presented above is based on our present knowledge and is with intentions of providing general guidelines for use of our products. These products are offered by Mazda without any kind of guarantee. We recommend that customers should test the suitability of these products in their end application before use.

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