

Technical Data Sheet

MAZCOL BLUE 153 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 153 K
Colour Index Name:	Pigment Blue 15:3
Colour Index Number:	74160
Chemical Class:	Copper Phthalocyanine -Beta
CAS No:	147-14-8

2. Description: It is a greenish blue shade soft pigment, with excellent colour strength and dispersibility, suitable for fibre applications. Reach registered product, FDA compliant.

3. Physical Characteristics

Physical appearance:	Fine Powder
Specific Gravity 25 C°:	1.6
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

5. 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.

6. Application Recommendation: Engineering Plastics / ABS/ Polystyrene/Polyester/ PET/ 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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