



# 5021 Milori Blue

**Description:** 5021 is an iron blue pigment with a deep, pure blue shade and good opacity for solvent ink and coatings applications.

<b>Chemical Type</b>	Iron Blue	<b>Constitution No.</b>	77510
<b>Color Index</b>	Pigment Blue 27	<b>CAS No.</b>	25869-00-5

## Resistance Properties

<b>MEK</b>	5	<b>Ethanol</b>	5
<b>Water</b>	5	<b>Ethyl Acetate</b>	5
<b>Mineral Spirits</b>	5	<b>Acid</b>	4
<b>Xylene</b>	5	<b>Alkali</b>	2

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

## Product Characteristics

<b>Migration (1-5)</b>		<b>Lightfastness (1-8): Masstone</b>	7-8
<b>Heat Stability (°C/°F)</b>	177°C (Paints) 177°C (Inks)	<b>Lightfastness (1-8): Tint 1:10</b>	2
<b>Warpage Rating (1-3) * Plastic Only</b>		<b>Weatherfastness (1-5): Masstone</b>	
<b>Overpaint Resistance * Paints Only</b>		<b>Weatherfastness (1-5): Tint 1:10</b>	

Warpage: 1 = minimal, 2 = some, 3 = severe    Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent    Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

## Physical Properties

<b>Particle Size (µm)</b>	400	<b>pH</b>	3.0-5.0
<b>Specific Surface Area (m<sup>2</sup>/g)</b>		<b>Specific Gravity</b>	1.80
<b>Oil Absorption (g/100g)</b>	40-50	<b>Bulk Density (kg/L)</b>	

## Applications

Plastics	Coatings	Inks	Other
PVC	Decorative	Water Flexo	Paper
PE	Automotive/Aerospace	Solvent Flexo ■	Rubber
PP	Industrial ■	InkJet	Finger Paints
PS	Powder	UV	Seed Coatings
PET		Offset ■	

### Fiber

Not Frequently Used     Limited     Recommended

**Comments:** 5021 is often used as toner for carbon black and be mixed with Phthalo Blue pigments for multi-color printing.

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