

DUWA[®] Permanent Violet V-023

Organic Dioxazine Violet Pigment

C.I. Pigment Violet 23

C.I. No. 51319

Product Description

DUWA[®] Permanent Violet V-023 is an organic dioxazine violet pigment characterized by uncommonly strong tinting strength. It has an excellent lightfastness and weatherfastness properties, excellent hiding power and durability, and entirely fast to many organic solvents, making it suitable for a wide range of applications. It is a fine violet powder with the following properties:

Table 1
Physical Properties of Pigment Powder

DUWA [®] Permanent Violet V-023	
Property	
Density, g/cm ³	1.5
Bulk Volume, ml/g	6.0
pH Value	6.0 ~ 7.0
Oil Absorption, g/100g	45
Moisture Content, max, %	1.0
Total Matter Soluble in Water, max, %	1.0
Residue on 325 Mesh Sieve, max, %	1.0
Tinting Strength	5
Hiding Power	5

Note: All values are typical unless otherwise stated.

Table 2
Fastness Properties in Coatings

DUWA [®] Permanent Violet V-023		
Fastness to Weathering	Full Shade	5
	Tinting Shade	5
Fastness to Light	Full Shade	7
	Tinting Shade	7
Overspray Fastness	Nitrocellulose Enamel	5
	Stoving Enamel	5

Note: All values are typical unless otherwise stated.

Table 3
Resistance Properties in Coatings

DUWA [®] Permanent Violet V-023		
Resistance to Solvents	Water	5
	Ethyl Alcohol	5
	Buthyl alcohol	5
	Cellosolve	5
	Ethyl Acetate	5
	M.E.K.	5
	Xylene	5
	Mineral Spirit	5
	Dibuthyl Phtalate	5
	Glycol	5
Resistance to Chemicals	Linseed Oil	5
	Lard	5
	Paraffin Wax	5
	Acid (2% HCl)	5
Heat Resistance	Alkali (2% NaOH)	5
	Detergent	5
	Soap	5
	165°C/ 15 min (Paint)	5
	150°C/ 20 min (Paint)	5
	120°C/ 45 min (Paint)	5
	220°C/ 5 min (Plastic)	5
	240°C/ 5 min (Plastic)	5
	260°C/ 5 min (Plastic)	5

Note: All values are typical unless otherwise stated.

Applications

- Wide Range of Printing Inks
- Industrial and Decorative Paints
- PVC and Polyolefin Plastics
- Emulsion Paint