



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT VIOLET 23

Technical Data Sheet

Product Description

CI Generic Name	Pigment Violet 23	Ags Product Code	AGSFASTVIOLET IN151
CI No.	51319	CAS No.	6358-30-1
EINECS No.	228-767-9	Chemical Type	Dioxazine
Molecular Formula	C34H22Cl2N4O2	Molecular Weight	588
Chemical Name	Diindolo [3 , 3' , 2' m] triphenodioxazine , 8 , 18 - dichloro - 5 , 15 - diethyl - 5 , 15 - dihydro		

Physical Properties

Specify Gravity (at 20 °C)	1.50 – 1.55	Salt Content	1.0% Max
Oil Absorption (Wt/ 100 gms)	55 to 65	Moisture Content	0.5% Max
Sieve Residue (240 Mesh)	0.1% Max	Water Soluble	0.5% Max
Bulk Density	0.35 – 0.38	PH Value	6.5 - 7.5
Particle Size	5 - 7.5 Microns	Specific Conductivity	<0.5 ms cm⁻¹
Form	Powder	Melting point/range	430 - 455°C
Color	Bluish and Reddish Violet	Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Odor	Odourless	Flammability	Non-flammable
Ignition temperature	Not applicable	Solubility in water	Insoluble
Flash point	Not applicable	Vapour Pressure	Not applicable

Fastness Properties & Solvent Properties

Heat Resistance	160°C for 20 Min	Water	5
Light fastness (Mass)	8	Ethanol	5
Light fastness (Tint)	8	Xylene	5
Weather Fastness	Mass: 4-5 Tint :	Ethyl Acetate	5
Over spray	5	Methyl Ethyl Ketone	5
Acetone	5	Mineral Spirit	5
Betanol	5	Acid	5
Di Ethylene Glycol	5	Alkali	5
Butyl Acetate	5	Linseed Oil	5

Application

Gravure Inks	*
Flexo Inks	*
Screen Inks	*
Offset Inks	*
UV Cure Inks	*

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