



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 PA151 |
| 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 Minutes | 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

| | |
|--------------------------|---|
| Automotive Paint | * |
| General Industrial Paint | * |
| Decorative Paint | * |
| Powder Coating | * |
| Water base Paints | * |

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