



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT RED 254

Technical Data Sheet

Product Description

CI Generic Name	Pigment Red 254	Ags Product Code	AGSFASTRED IN143
CI No.	56110	CAS No.	84632-65-5
EINECS No.	-	Chemical Type	DPP
Molecular Formula	C18H10Cl2N2O2	Molecular Weight	357
Chemical Name	Bis - (p- chrolopheny)-1. 4-diketopyrrolo(3. 4-c) pyrrole		

Physical Properties

Sieve Residue (PPM)	1000 Max	PH Value	-
Oil Absorption (ml/ 100 gms)	42.5	Oder	Odurless
Bulk Volume (ltr/kg)	2.22	Melting point/range	-
Density (ltr/cm ³)	1.54	Flash Piont	Not Applicable
Specific Surface (m ² /g)	23.2	Flammability	Non-flammable
Salt Content	1.0% Max	Moisture Content	1.0% Max
Color	Red Powder	Danger of explosion	Not explosive. Dust can form an explosive mixture with air

Fastness Properties & Solvent Properties

Heat Resistance	200°C	Water	5
Light fastness (Mass)	7-8	Enthanol	4-5
Light fastness (Tint)	7-8	Xylene	5
Weather Fastness	Mass: 4-5Tint: 4-5	Ethyl Acetate	5
Over spray	5	Methyl Ethyl Ketone	4-5
Butonal	4-5	White Spirit	5
MEK	4-5	Acid	5
Butyl Acetate	4-5	Alkali	5

Application

Offset / Printing Ink	*
NC Lacquer / PA	*
Gravure Ink	*
Polyamide Ink	*
Flexo Ink / Vinyl Ink	*

Specification (Rules)

Colorist Properties	Strength: $\pm 5\%$	DA, DB, DE, DC, DH, DL: $\leq \pm 1.00$
Light fastness	Scale 1-8	1=Poor & 8=Excellent
Weather Fastness	Scale 1-5	1=Poor & 5=Excellent
Overspray	Scale 1-5	1=Poor & 5=Excellent
Solvent Fastness	Scale 1-5	1=Poor & 5=Excellent

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