



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT RED 3

Technical Data Sheet

Product Description

CI Generic Name	Pigment Red 3	Ags Product Code	AGSSUPERRED RU130
CI No.	12120	CAS No.	2425-85-6
EINECS No.	219-372-2	Chemical Type	B-Naphthol
Molecular Formula	C17H13N3O3	Molecular Weight	307
Chemical Name	2-Naphthalenol , 1-[[4 methyl-2-nitrophenyl]azo]		

Physical Properties

Sieve Residue (PPM)	1000 Max	Oder	Odurless
Oil Absorption (ml/gms)	55-70	Melting point/range	276-278°C
Bulk Density (ml/gms)	20-35	Flash Piont	Not Applicable
Salt Content	1.0% Max	Flammability	Non-flammable
Moisture Content	1.0% Max	Ignition Temperature	Not Applicable
PH Value	6.0-7.1	Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Form	Powder	Solubility in water	Insoluble
Color	Yellowish Red	Vapour Pressure	Not Applicable

Fastness Properties & Solvent Properties

Heat Resistance	180°C	Xylene	2
Light Fastness	Mass: 7 Tint: 4	Ethyl Acetate	2
Weather Fastness	Mass: 3-4 Tint: 1-2	Methyl Ethyl Ketone	2
Over spray	2	Mineral Spirit	2-3
Water	5	Acid	5
Enthanol	3	Alkali	5

Application

Cable Sheathing Compounds	-
LDPE, LLDPE, HDPE	-
EVA Rubber	*
Rubber	*

Specification (Rules)

Colorist Properties	Strength: $\pm 5\%$	DA, DB, DE, DC, DH, DL: $\leq/\geq \pm 1.00$
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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