



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT RED 57:1

Technical Data Sheet

Product Description

CI Generic Name	Pigment Red 57:1	Ags Product Code	AGSSUPERRED PL138
CI No.	15850:1	CAS No.	5281-04-9
EINECS No.	226-109-5	Chemical Type	BONA, Ca
Molecular Formula	C18H14N2O6S.Ca	Molecular Weight	426
Chemical Name	2-Naphthalenecarboxylic acid ,3-hydroxy -4-[(4-methyl -2-sulfophenyl)azo] - , calcium salt (1:1)		

Physical Properties

Sieve Residue (PPM)	1000 Max	Oder	Odorless
Oil Absorption (ml/gms)	60-85	Melting point/range	360°C
Bulk Density (ml/gms)	25-35	Flash Piont	Not Applicable
Salt Content	1.0% Max	Flammability	Non-flammable
Moisture Content	1.0% Max	Ignition Temperature	Not Applicable
PH Value	6.0-9.0	Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Form	Powder	Solubility in water	Insouluble
Color	Bluish Red	Vapour Pressure	Not Applicable

Fastness Properties & Solvent Properties

Heat Resistance (Mass)	230°C for 5 Min	Weather Fastness	Mass: 1	Tint: 1
Heat Resistance (Tint)	230°C for 5 Min	Migration	3-4	
Light Fastness (Mass)	6-7	Acid	1	
Light Fastness (Tint)	4-5	Alkali	4	

Application

LDPE, LLDPE	*
PP, PS, PVC	*
HDPE	*
Rubber	*
Plastic Master Batches	*
Plasticized & Rigid	*

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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