



# AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

## PIGMENT RED 170

### Technical Data Sheet

#### Product Description

CI Generic Name	<b>Pigment Red 170</b>	Ags Product Code	<b>AGSSUPERRED PA142</b>
CI No.	<b>12475</b>	CAS No.	<b>2786-76-7</b>
EINECS No.	<b>220-509-3</b>	Chemical Type	<b>Naphthol AS</b>
Molecular Formula	<b>C26H22N4O4</b>	Molecular Weight	<b>455</b>
Chemical Name	<b>2-Naphthalenecarboxamide,4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxy</b>		

#### Physical Properties

Sieve Residue (PPM)	<b>1000 Max</b>	Oder	<b>Odorless</b>
Oil Absorption (ml/gms)	<b>55-70</b>	Melting point/range	<b>315-325°C</b>
Bulk Density (ml/gms)	<b>20-35</b>	Flash Piont	<b>Not Applicable</b>
Salt Content	<b>1.0% Max</b>	Flammability	<b>Non-flammable</b>
Moisture Content	<b>1.0% Max</b>	Ignition Temperature	<b>Not Applicable</b>
PH Value	<b>5.5-8.0</b>	Danger of explosion	<b>Not explosive. Dust can form an explosive mixture with air</b>
Form	<b>Powder</b>	Solubility in water	<b>Insouluble</b>
Color	<b>Bluish Red</b>	Vapour Pressure	<b>Not Applicable</b>

#### Fastness Properties & Solvent Properties

Heat Resistance	<b>180°C</b>	Xylene	<b>4-5</b>
Light Fastness	<b>Mass: 76 Tint: 6</b>	Ethyl Acetate	<b>4</b>
Weather Fastness	<b>Mass: 2-3    Tint:</b>	Methyl Ethyl Ketone	<b>4</b>
Over spray	<b>5</b>	Mineral Spirit	<b>5</b>
Water	<b>5</b>	Acid	<b>5</b>
Enthanol	<b>4</b>	Alkali	<b>5</b>

#### Application

Automotive Paint	*
General Industrial Paint	*
Decorative Paint	*
Powder Coating	**

#### Specification (Rules)

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

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