

# Industrial Colorants for Polymer Applications

Color Solutions

## Plasticolors® 856

### General Information

856 Colorants are smooth pastes based on high quality pigments dispersed in a DINP plasticizer, with excellent compatibility and tint strength controlled to  $\pm 5\%$ . DINP is an all purpose plasticizer for the manufacture of flexible plastics (especially PVC). It is insoluble in water and has a good stability to heat and ultraviolet light, broad compatibility, and excellent resistance to hydrolysis.

### Applications

Chroma-Chem 856 DINP colorants can be used in:

#### PVC

- Calendered and extruded films
- Sealants – automotive underbody sealants, caulking compounds



### **Polyurethane**

- Flexible, rigid and semi-rigid foams
- High-density molded foams
- RIM (Reaction injection moulding) urethanes
- Casting Systems

### **Textile Plastisols**

#### **PVA**

















- Adhesives
- Paints

### **Rubber**

### **Cellulose Plastics**

856 colorants are an efficient and clean method for tinting PVC and Polyurethane, they allow for:

- • Uniform color development
- • Bath to batch accuracy
- • Ease of use
- • Non settling

Colorant Shade		Product Code	Description	CI Name	Pigment %	Lightfastness		Heat fastness	Solvent fastness
Mass Tone	Tint 1:5					1:1	1:25		
		8560025	White 6 (DINP)	White 6	75	8	8	5	5
		8560513	Red 48.1 (DINP)	Red 48.1	23	5	3-4	4	4
		8560910	Orange 13 (DINP)	Orange 13	20	4	2-3	4	3-4
		8561016	Red Oxide 101 (DINP)	Red 101	45	8	8	5	5
		8561808	Yellow 42 (DINP)	Yellow 42	55	8	8	5	5
		8562506	Yellow 13 (DINP)	Yellow 13	20	4	3	4	3-4
		8565522	Green 7 (DINP)	Green 7	30	8	8	5	5
		8567220	Blue 15 (DINP)	Blue 15	19	8	8	5	5
		8569924	Black 600 (DINP)	Black 7	34	8	8	5	5

Products listed represent standard colors. Custom color matched blends are available with special consideration for a variety of requirements, including color, outdoor durability, abrasion, and cost considerations. If a specific pigment chemistry or custom blend is needed, please contact Vibrantz Technologies.

**NOTE:** All fastness data is based on pigment supplier information and is given for guidance only. It is not an indicator of fastness in all applications, as many factors and components have a high level of influence over performance. It is the responsibility of the user to test and verify performance in their individual application.

(1) Light fastness is measured on an eight step blue wool scale, where 1=very poor light fastness and, 8=excellent light fastness.

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