

## **DISPARLON DA-703-50**

(Wetting/Dispersing agent)

**DISPARLON DA-703-50** is a wetting/dispersing agent for a broad type of color pigments including carbon black. The product, based on an amine salt of a polyester acid amide improves color development, wetting and dispersion of pigments and dispersion stability because of its good adsorption onto pigment surface. This additive is used in a variety of colored systems including gravure printing inks.

### **ADVANTAGES**

- Shorter grinding time, reduced viscosity of mill-base and improved color development by accelerating wetting of carbon black and colored pigments.
- A prolonged can stability with printing inks and paints because of its maintained dispersing effects.
- Effective even in mixed pigment systems involving carbon black.
- Improves hiding power, gloss and DOI.

### **APPLICATIONS**

**DA-703-50** is recommended for gravure printing inks and a broad type of paint systems including both non-solvent and solvent based paints, particularly for systems formulated with carbon black or color pigments.

### **INCORPORATION**

Additive level : 20 ~100% by weight for carbon black and organic pigments  
1.0 ~ 20% by weight for inorganic pigments  
Method : Grind thoroughly with mill-base

### **TYPICAL PROPERTIES**

Appearance : Amber liquid  
Non-volatile matter : 50% by wt.  
Density : 0.94g/cm<sup>3</sup>  
Solvent : Xylene



*Kusumoto Chemicals, Ltd.*

11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN

(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079

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