

*Additives for coatings and printing inks*  
**DISPARLON<sup>®</sup>**

(Dec. 2011)

**DISPARLON<sup>®</sup> 6100**

(Anti-Slumping agent for Sealants & Adhesives)

**DISPARLON 6100** is a powdered thixotropic agent based on amide wax. When dispersed along with heat, this product builds a strong thixotropic network in the vehicle and prevents slumping of sealants and adhesives.

**ADVANTAGES**

- Excellent anti-sag properties.
- Excellent anti-settle properties.
- Strong and stable thixotropy.
- Excellent application properties.
- Low activation temperature.

**APPLICATIONS**

Recommended for sealants (modified silicone, urethane, etc), epoxy, and MMA adhesive systems. DISPARLON 6100 is especially recommended when lower activation temperature is preferred.

**INCORPORATION**

Additive levels : 0.5 ~ 2.0 % by wt.

Dispersing equipment : Kneader, planetary mixer or twin screw extruder is recommended.

Dispersing temperature: Add DISPARLON 6100 during the pre-mix. The particles swell when dispersed at their activation temperature and do not require aging to develop properties.

**Recommended Min. Activation Temp.      Recommended Max Activation Temp.**

40° C

80° C

Activation temperature is a function of the system's polarity. Highly polar systems will activate at a lower temperature than low polarity systems.

**TYPICAL PROPERTIES**

Appearance	White to light yellow powder
Non-volatile matter	More than 98% by wt of total
Melting point	124°C
Bulk density	0.15
Density	1.00 g/cm <sup>3</sup>
Particle size	Less than 15 μ m

Distributed by:

King Industries, Inc.

Science Road, Norwalk, CT 06852

Ph: 203-866-5551



*Kusumoto Chemicals, Ltd.*

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

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