



# DISPARLON® 6250

Anti-Slumping agent for Sealants & Adhesives

TECHNICAL DATA SHEET

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DISPARLON® 6250 is a powdered thixotropic agent based on amide wax, designed for use in sealants and adhesives. DISPARLON® 6250 can be activated at relatively low temperatures and provides excellent sag and slump resistance. Sealants and adhesives formulated with DISPARLON® 6250 also exhibit good viscosity-stability during storage.

## TYPICAL PROPERTIES

The following figures are typical properties, not to be used for specification.

|                       |                                   |
|-----------------------|-----------------------------------|
| Appearance            | White to light yellow fine powder |
| Melting point         | 128 °C                            |
| Acid value (mgKOH/g)  | Max. 8.0                          |
| Amine value (mgKOH/g) | Max. 8.0                          |
| Particle size         | Max. 15 µm                        |
| Apparent density      | 0.15 g/cm <sup>3</sup>            |

## ADVANTAGES

- Excellent sag and slump resistance
- High shear-thinning performance
- Excellent workability and extrudability
- Suitable for cold-process production

## APPLICATION

DISPARLON® 6250 is especially recommended for sealants such as modified silicone, urethane, and epoxy adhesive systems.

## INCORPORATION

### Addition levels

0.5–5.0 wt% on total formulation.

The optimal additive level should be determined under actual use condition.

### Method

Adjust the temperature in the range of 55-90 °C.

Addition with a kneader, planetary mixer, or twin-screw extruder is recommended.

The optimum dispersing temperature, time, and shear conditions should be determined under actual use conditions.

During the cooling process, high shear forces such as those generated by a high-speed dissolver should be avoided.



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