Additives for coatings and printing inks

DISPARLON®

September 2024

DISPARLON ® 6250

(Thixotropic agent)

DISPARLON® 6250 is a powder type thixotropic agent composed of amide wax. **DISPARLON® 6250** can be activated in sealants/adhesives at relatively low temperatures and provides excellent sag/slump resistance. Sealants and adhesives containing **DISPARLON® 6250** have viscosity-stability during storage.

ADVANTAGES

- Excellent sag/slump resistance
- High shear thinning
- Excellent workability/extrudability
- Suitable for Cold-process production

APPLICATIONS

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

INCORPORATION

Additive levels : 0.5 – 5.0 wt% on total formulation.
The optimal additive level should be determined under an actual use condition.

Method : Standard dispersing temperature is 55 – 90 deg.C.
Addition with a kneader, planetary mixer, or twin-screw extruder is recommended.
The optimal dispersing temperature, time, and shear should be determined under an actual use condition.
After the dispersing process, do not apply shear during cooling.

TYPICAL PROPERTIES

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

Appearance	White to light yellow fine powder
Melting point	128 deg.C.
Acid value	Max. 8.0
Amine	Max. 8.0
Particle size	Max. 15 μm
Apparent density	0.15

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