

Additives for coatings and printing inks
DISPARLON[®]

November 2022

DISPARLON[®] AQ-633E
(Rheology control agent for waterborne systems)

DISPARLON[®] AQ-633E is a rheology control agent composed of a polyamide. DISPARLON[®] AQ-633E forms a network structure by interacting with paint components in a coating system, prevents settling and hard caking, and improves pigment orientation. Unlike general waterborne thickeners, DISPARLON[®] AQ-633E can provide high thixotropic property without excess viscosity increasing.

ADVANTAGES

- Excellent anti-settling property
- Imparts high thixotropic property without excess viscosity increasing
- Improve the orientation of metallic pigments

APPLICATIONS

DISPARLON[®] AQ-633E can be used in a wide range of waterborne coating systems.

INCORPORATION

- Additive levels : 1.0 ~ 5.0 wt% on total formulation.
Method : Can be added at each production stage. Post-addition at a final production stage with a dissolver is recommended.
Keep temperature from a room temperature up to 40°C during dispersing.

TYPICAL PROPERTIES

| | |
|---------------------|---|
| Appearance | Yellow paste |
| Non-volatile matter | 22.5 % |
| Amine | N, N-dimethylethanolamine |
| Solvent | Water / Propylene glycol monomethyl ether |
| Acid value | 24.0 |

STORAGE

- Keep from freezing. Freezing causes severe degradation of quality and performance.
- Do not heat. Store below 40°C. Heating causes degradation of quality and performance.

CAUTION

Due to the nature of this product, the solvent might ooze out from the paste to its surface over time. This doesn't affect its original properties. Please stir the content gently to make it uniform before use. Hand stirring is recommended because strong stirring with dissolver and addition of heat will result in degradation of its properties.

 *Kusumoto Chemicals, Ltd.*
11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN
(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079