

Additives for coatings and printing inks
DISPARLON

September 2021

DISPARLON LAP-10, LAP-20, LAP-30

(Anti-popping/defoaming agents)

DISPARLON LAP-10 is anti-popping/defoaming agent based on vinyl polymer and acrylic polymer. DISPARLON LAP-20 and LAP-30 are anti-popping/defoaming agents based on an acrylic polymer. DISPARLON LAP-10, LAP-20 and LAP-30 are developed specifically for high-polar coatings like high-solid baking systems.

ADVANTAGES

- Effective particularly in preventing popping associated with high-solid coatings involving methylated melamine, which is said to be difficult to control with conventional additives.
- In addition to the ability to prevent popping, these products can give leveling properties to the coating, thus eliminating the Benard-cell formation and floating.
- Silicone free/good recoatability.

APPLICATIONS

As anti-popping agents

Applications	Recommended coating type
High-solid polyester (acrylic) melamine	Automotive, Coil, Electric appliance
Acid / Epoxy systems	Automotive (Clear top)
High-solid 2K urethane systems	Automotive (Clear top)

As defoaming agents

Applications	Recommended coating type
UV cured systems	Wood, Ink
Epoxy / Polyamide systems	Flooring

INCORPORATION

Additive levels : 0.3 ~ 2.0 % by weight to total formulation.*

*The optimal level, however, should be determined by your laboratory tests.

Method : While this additive can be added at each production stage, post-addition at a final production stage stirring with a dissolver is recommended.

TYPICAL PROPERTIES

	DISPARLON LAP-10	DISPARLON LAP-20	DISPARLON LAP-30
Appearance	Clear to light yellow liquid		
Non-volatile [%]	20% by wt.	20% by wt.	20% by wt.
Density	0.882	0.899	0.913
Viscosity	3.9mPa·s(cP)	2.7mPa·s(cP)	3.0mPa·s(cP)
Solvent	S-naphtha/n-Butyl acetate	n-Butyl acetate	n-Butyl acetate



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