



FEATURED PRODUCTS

Publishing Graphics

EBECRYL® 846 Modified Polyester Acrylate Oligomer for High-Speed Litho

NEW

EBECRYL 846 is a modified tetra-functional polyester acrylate oligomer with improved reactivity. Because of the special structure of the backbone and the high acrylic functionality, **EBECRYL 846** provides the proper hydrophilic-lipophilic balance necessary for good lithography, with very high reactivity when cured by ultraviolet light (UV) or electron beam (EB).

Key Features & Performance ¹	Appearance	Viscosity mPa*s at 25°C	Acid Value mg KOH/g	Tack, g-m
EBECRYL® 846 Modified Polyester Acrylate Oligomer <ul style="list-style-type: none"> • Excellent reactivity • Good water balance • Good printability 	Clear liquid	45000	5 max.	12-14

¹ Typical properties-not specifications

* **EBECRYL®** UV curable resins and oligomers

EBECRYL® 848 UV/EB Curable Polyester Acrylate for Wet/Dry Offset Printing

NEW

EBECRYL 848 is an ultraviolet light (UV) or electron beam (EB) curable polyester acrylate for either wet or dry offset printing on porous substrates. Inks made from pigment dispersions containing **EBECRYL 848** exhibit excellent ink flow, transfer and printability.

Key Features & Performance ¹	Appearance	Functionality	Viscosity cP at 25°C	Density g/ml at 25°C
EBECRYL® 848 Polyester Acrylate <ul style="list-style-type: none"> • Excellent oligomer for pigment grinding, especially suitable for carbon black • Inks exhibit good flow and transfer • Good lithographic printing 	Clear liquid	4	11200	1.10

¹ Typical properties-not specifications

* **EBECRYL®** UV curable resins and oligomers

EBECRYL® 350 & 1360 Silicone Acrylates for Slip

Key Features & Performance ¹	Functionality	Viscosity cP at 25°C	Color, Gardner (iodine)	Acid Value mg KOH/g	Density g/ml at 25°C
EBECRYL® 350 Silicone Diacrylate <ul style="list-style-type: none"> • COF reduction, increased slip • Improved substrate wetting • Non-migratory 	2	288	7.5	2.4	1.05
EBECRYL 1360 Silicone Hexaacrylate <ul style="list-style-type: none"> • COF reduction, increased slip • Improved substrate wetting • Non-migratory • Especially effective in electron beam 	6	1600	8	20	1.11

¹ Typical properties-not specifications

* **EBECRYL®** UV curable resins and oligomers

(continued on back)



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ADDITOL® S In-Can Ink Stabilizers

ADDITOL S stabilizers are designed to improve the shelf stability of UV/EB curable inks. **ADDITOL S** stabilizers work with a variety of formulations and pigments, and provide stabilization at high levels of pigmentation without negatively affecting cure speed.

	Key Features & Performance ¹	Appearance	Viscosity cP at 25°C (60°C)
ADDITOL® S 100	Stabilizer <ul style="list-style-type: none"> Recommended for pigment systems, especially for whites and light colors Very good stability performance for a variety of formulations and pigments Stabilization of high levels of pigmentation Compatible with most UV/EB systems 	Yellow paste	45000
ADDITOL S 110	Stabilizer <ul style="list-style-type: none"> Recommended for pigment systems Very good stability performance for a variety of formulations and pigments Stabilization of high levels of pigmentation Compatible with most UV/EB systems 	Dark brown semi-crystalline paste	450
ADDITOL S 120	Stabilizer <ul style="list-style-type: none"> Recommended for pigment systems, even those based on unstable pigments Very good stability performance for a variety of formulations and pigments Stabilization of high levels of pigmentation Compatible with most UV/EB systems 	Pale colored liquid	90

¹ Typical properties-not specifications

* **ADDITOL®** stabilizers

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