



FEATURED PRODUCT SHEET

EBECRYL[®] 889

Polyester Acrylate for UV Publication Inks

EBECRYL 889 based litho inks show good adhesion to super calendared paper, good printability, and high gloss. This allows EBECRYL 889 to be formulated into publication inks that are used to print newspaper inserts and various other advertisements. In addition to the above formulated properties, EBECRYL 889 also has good pigment wetting.

| KEY FEATURES & PERFORMANCE (typical properties-not specifications) | APPEARANCE | VISCOSITY cP at 25 °C | DENSITY g/ml | TACK g-m @ 400 rpm, 90 °F |
|--|--------------|--------------------------|-----------------|---------------------------------|
| <ul style="list-style-type: none"> • Good adhesion to super calendared paper • Good printability • High gloss • Good pigment wetting | Clear liquid | 32000 | 1.1 | 10-12 |

Highlights

Excellent printability: Good ink transfer, color density and water balance. Tack values for EBECRYL 889 and several of its dilutions are given in the table.

Press-side comments: Quick make-ready. Easy to pull up to density. Easy to maintain color density and print contrast. Good ink transfer. Easy press clean-up.

| | TACK g-m @ 400 rpm, 90 °F |
|------------------------|------------------------------|
| EBECRYL 889, neat | 10-12 |
| EBECRYL 889/5% OTA 480 | 8-10 |
| EBECRYL 889/5% TMPTA-N | 9-11 |
| EBECRYL 889/5% TRPGDA | 9-11 |

Starting Point Formulation

| Pigment Dispersion, PD | % |
|--|-------|
| EBECRYL 889 | 55-60 |
| OTA 480 | 5-10 |
| Pigment | 30-35 |
| Ink | % |
| EBECRYL 889 PD | 55-60 |
| EBECRYL 889 | 20-25 |
| Reactive diluent (TRPGDA, TMPTA, OTA 480) | 2-4 |
| Inert filler | 2-4 |
| ADDITOL [®] DX | 8-10 |

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