



W506 Super High Gloss Emulsion

Physical Properties

Application:-

Anilox/Roller Coater

Solid Content:-

42%

pH:-

7.8-8.5

Density:-

1.02 g/cm³

Dryspeed:-50

Slip S/D

0.40-0.50 / 0.35-0.40

Gloss:-

70-75

Film Weight:

4-7 gsm

Water Resistance:-

No

Alcohol Resistance:-

No

Foam:-

125/100ml

Softening Temp:-

115 C

Rub Resistance

:-Very Good

Viscosity:-

35-40secs

Din4@25C

* Subject to film weight/substrate and ink type

** Subject to adhesive/conditions

– to be determined by user

Product Summary

Utilising alternative technology W506 will produce a high gloss finish on paper or board whilst maintaining a dry speed acceptable to the printing industry. The high specialist polymer lowers the absorption into certain stocks and keeps a high level of gloss on the surface of the substrate. By careful selection of substrates gloss levels comparable to UV Varnish may be achieved. Recommended for single sided applications only.

Description of Use

Wet film weights of four-six microns are adequate for the majority of printed cartons. Higher film weights are obtainable with coating devices provided drying facilities permit. To achieve the maximum gloss effect, the substrate should be carefully chosen.

The physical data has been determined in laboratory conditions to give a comparative guide to the products available in our range. Results obtained will vary under pressroom conditions and users must independently determine suitability for their given conditions and applications.

ECS reserve the right to alter any of the above details as required for technical or manufacturing purposes.