

J7105 水性功能树脂

J7105是一款自交联水性苯乙烯-丙烯酸共聚分散体，在塑料软包装使用的柔版及凹版印刷领域应用广泛，性能稳定优异，合成过程中，采用包括加成交联剂在内的三重交联技术，使树脂在抗刮、耐水性、附着力、光泽，耐化学品，印刷性能等方面得到更大提高。

典型物化数据 此数据页给出的数据只是典型数值，并非产品的技术指标。

产品描述:	水性丙烯酸乳液
固体(有效)含量:($\pm 2\%$)	43
外观:	微黄半透明液体
粘度:(cps/25°C)	20~200
PH值:	6~9
玻璃化温度(TG):($^{\circ}\text{C}$)	7

产品特性

- 耐油脂性;
- 耐化学品和物理抗性;
- 可在PE, OPP, PA, 铝箔, PET等难附基材附着;
- 优秀的耐揉搓和耐水性。

应用方向

- 水性油墨连接料
- 水性纸张油墨
- 水性铝箔和金银卡纸清漆
- 水性清漆

参考配方

乳 液:	50~65
润湿剂:	0~1
消泡剂:	0.1~0.3
蜡乳液:	1~4
无水乙醇:	20~30
去离子水:	适量

总计: 100

注意事项

在单独添加乙醇时建议一边搅拌一边添加。

本资料是据我们所知而提供的，因众多的配方、生产和应用条件不同，以上所有的陈述必须根据加工者实际情况而调整，我们不能为个别情况作担保，包括专利权益。此数据页版本取代所有之前的版本。

KDD®科鼎®微涂者®为KDD-FUNCTIONAL MATERIAL注册的商标。

J 7105 Water-Based Functional Resin

The J7105 is a self-crosslinking aqueous styrene-acrylic copolymer dispersion, widely used in flexographic and gravure printing for flexible plastic packaging. It delivers stable and superior performance. The synthesis process employs triple crosslinking technology, including the addition of a crosslinking agent, which significantly enhances the resin's scratch resistance, water resistance, adhesion, gloss, chemical resistance, and printability.

Typical physical data The data on this data page is only typical values, not the technical specifications of the product.

product description : Water-based acrylic emulsion

Solid (active) content: ($\pm 2\%$) 43

surface : Pale yellow translucent liquid

Viscosity: 20 to 200 cps at 25°C

PH price : 6~9

Glass transition temperature (TG): 7°C

product features

- Oil resistance;
- Chemical and physical resistance;
- It can adhere to various challenging substrates including PE, OPP, PA, aluminum foil, and PET.
- Excellent rubbing and water resistance.

direction of application

- Water-based ink binder
- Water-based paper ink
- Water-based aluminum foil and gold and silver card paper varnish
- water-varnish

Recipe

Milk: 50 to 65

Moisturizer: 0 to 1

Defoamers: 0.1 ~0.3

Wax emulsion: 1 ~4

Anhydrous ethanol: 20 ~ 30

Deionized water: appropriate amount

Total: 100

matters need attention

It is recommended to add ethanol separately while stirring.

This information is provided as far as we know. Due to the differences in numerous formulations, production and application conditions, all the above statements must be adjusted according to the actual situation of the processor. We cannot guarantee individual cases, including patent rights. This data page version replaces all previous versions.

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