TECHNICAL DATA SHEET

PLEXTOL™ A 4805

PLEXTOL A 4805 is a water-based acrylic emulsion polymer with pressure-sensitive properties suitable for filmic labels with high water resistance.

For further information regarding this product please refer to:

Adhesive Polymers (EMEA)

eMail: Adhesive-polymers-EMEA@synthomer.com

Property	Typical Value	Unit	Method[1]
Solids Content	61.0	%	DIN EN ISO 3251
pH Value	7.0		DIN ISO 976
Viscosity (Brookfield RVT 20rpm, @ 23°C)	300	mPas	DIN ISO 1652

[1] internal method based upon the specified norm

Application Advice

PLEXTOL A 4805 can be used as compounding base for pressure sensitive label products, specialty tapes and various graphic art applications. It exhibits well balanced initial tack and adhesion coupled with excellent shear resistance.

The very good water resistance and high clarity make PLEXTOL A 4805 specifically suitable for filmic label applications.

PLEXTOL A 4805 can be applied by usual coating methods. To further enhance coating and film formation, it might be helpful to add commercially available wetting agents and defoamers.

By mixing PLEXTOL A 4805 with other emulsions and additives, the film properties can be influenced within wide limits and thus adapted to the intended application. Formulations and the resulting properties have to be tested by the manufacturer.

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 6 months from the date of delivery.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.

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