TECHNICAL DATA SHEET

PLEXTOL™ A 156

PLEXTOL A 156 is a water-based acrylic emulsion polymer with pressure-sensitive properties suitable as a high adhesion compounding base for general purpouse paper labels.

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	65.0	%	DIN EN ISO 3251
pH Value	4.8		DIN ISO 976
Viscosity (Brookfield RVT 20rpm, @ 23°C)	800	mPas	DIN ISO 1652

[1] internal method based upon the specified norm

Application Advice

PLEXTOL A 156 can be used as compounding base for pressure sensitive label products and specialty tapes. It provides high adhesion at advanced cohesion level and good compatibility with tackifier dispersions used in paper label applications.

PLEXTOL A 156 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.

Furthermore PLEXTOL A 156 can be diluted with water to any desired concentration or thickened by means of thickener emulsions (e.g. PU thickener TEGO Rheo 8600).

By mixing PLEXTOL A 156 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.

PLEXTOL A 156 is protected against bacterial attack during storage. In the manufacture of finished products, the material has to be re-treated, as usual, with suitable agents to give enhanced preservation.

Shipping and Storage

Store at an even temperature of between +5°C and +35°C avoiding frost and direct sunlight. Stir product before use. If stored according to these conditions and in the original unopened containers, the dispersion will be stable for 12 months following delivery. Product should be used as soon as possible after opening. During processing, storage and transport, avoid any contact with metals (including non-ferrous metals) which are not protected against corrosion. Detailed information is available on request.

Product Safety

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

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