

Technical Information

OPTAL LP 18



Type of adhesive	Resin based synthetic adhesive
Field of application	Labeling of plastic surfaces such as PET, PVC and PS, specially for non refillable PET-bottles. Also suitable for labeling of coated/overcoated glass bottles as well as for tins and cans. Please check final bond strength thoroughly before permanent use.

Product specifications		Test method
Viscosity	60.000 - 110.000 mPa.s	Physica Z 04, D = 20/s, 20°C
pH-value	8,0 ± 1,0	

Product properties	Optal LP 18 is an adhesive for labeling of plastics such as PET, PVC and PS as well as glass and metal tin surfaces. The glue is characterised by a very high wet tack, clean machinability, condensationwater resistance as well as a high setting speed. Optal LP 18 is soluble in caustic soda.
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Processing

Application	Automatic labeling machines working with rotation- or straight feed principle
Temperature	The optimum working temperature ranges is from 24 to 28°C.
Dilution	Optal LP 18 is ready for use and should not be diluted.
Cleaning	Uncured adhesive residues can easily be removed with water. Wetting agents accelerate the cleaning process.
Disposal	see Safety Data Sheet

Security advices	see Safety Data Sheet
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Shelf life	In closed original packaging 6 months.
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Storage conditions	Optimum storage temperature: 15 - 25 °C, protect from frost. After use close packaging thoroughly.
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The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention. Düsseldorf, December 2007.