

Technical Information

Optal A 1742-23



Type of adhesive	modified synthetic resin
Field of application	labeling of refillable bottles made from plastic, especially for PET-bottles. Optal A 1742-23 is suitable for "Peel-off-labels". Please test the final bond strength thoroughly before permanent use.

Product specifications	Test method
Viscosity	45.000 ± 15.000 mPa.s
pH-value	9,0 ± 1,0
	Brookfield RVT 7/20/25 °C DIN ISO 976-98

Optal A 1742-23 is currently undergoing practical tests and still at an experimental stage. Technical data may change.

Product properties	Optal A 1742-23 is a special adhesive principally for the sector of PET-refillable bottles, but bondings of other plastics are also possible after testing. The dried glue film is soluble in cold and warm water and especially in 1,5-2 per cent caustic soda solution. These features make the product particularly suitable for the labeling of refillable bottles. Optal A 1742 provides a high wet tack, a clean machinability and does not tend to splashing.
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Processing

Application	fully automatic labeling machines working with straight or rotation feed principle.
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Temperature	Optal A 1742-23 can be used without heating if the adhesive temperature is over 20 °C. The optimum working temperature, however, lies between 26 and 30 °C.
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Cleaning	Uncured and cured adhesive residues can easily be removed with water. Wetting agents accelerate the cleaning process.
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Disposal	see Safety Data Sheet
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Security advices	see Safety Data Sheet
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Shelf life	In closed original packaging 6 months from date of production.
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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.
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Van Asperen Kleefstoffen B.V. Vaartweg 106 8243 PP Lelystad
Tel: +31 (0) 320-260261 Fax: +31 (0) 320-260050
Email: info@van-asperen.nl Website: www.van-asperen.nl

