

# Technical Information

## Technomelt Q 4530-21



**Type of adhesive** hotmelt on synthetic basis

**Field of application** moisture reactivatable gumming hotmelt for envelopes and mailings

**Product specification**

**Test Method**

**Viscosity** 500 - 2.100 mPa.s at 150 °C

Brookfield, Thermosel, spindle 27

**Softening Point** 85 - 91 °C

R&B

Technomelt Q 4530-21 is currently undergoing extensive practical tests and is still at an experimental stage. Technical data may change.

**Properties**

**Colour** brownish

**Open Time** short

**Processing  
Working Temperature** 140 - 160 °C

**Application** by means of slot nozzle

**Bonding properties and  
processing advice**

A thin film of Technomelt Q 4530-21 should be applied to the paper surface. It has a glossy, transparent appearance. After moistening it shows a good bond strength to most of the common paper stocks.

We recommend to carry out extensive tests on coated papers prior to production on industrial level.

Also see "General Recommendations for the Processing of Hotmelts".

**Cleaning**

We recommend to use our cleaning agent V 1940 to clean the applicators and adhesive tanks. While working with the cleaning agent, strictly observe the safety regulations.

For the cold cleaning of surface soiling on application equipment, conveyor belts or other machine parts Melt-O-Clean can be applied. Melt-O-Clean is based on natural resources and supplies the manual cleaning also in case of strong carbonisations. Before using Melt-O-Clean its suitability for lacquered or synthetic coated surfaces

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**Technomelt Q 4530-21**

**Disposal** see Safety Data Sheet

**Protective Measures** see Safety Data Sheet

**Storage Conditions/  
Shelf Life**

In original packaging and under normal, dry storage conditions for at least 12 months from date of production without negative impact on quality.

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, July 2004

