

## TECHNOMELT AS 4226

October 2015

### PRODUCT DESCRIPTION

TECHNOMELT AS 4226 provides the following product characteristics:

<b>Technology</b>	Synthetic Copolymer
<b>Product Type</b>	Hotmelt
<b>Cure</b>	Physical setting
<b>Condition</b>	thermoplastic
<b>Components</b>	One-component
<b>Application</b>	Molding
<b>Color</b>	transparent

### Application Areas

TECHNOMELT AS 4226 is used for molding applications.

### TECHNICAL DATA

#### Technomelt AS 4226:

Density, g/cm <sup>3</sup> ISO 1183-1, 20°C	1.09
Melting Viscosity at 210 °C, mPas	75,000
Melting Viscosity at 220 °C, mPas	40,000
Melting Viscosity at 230 °C, mPas ASTM D 3236 (RVT, spindle 27)	20,000
Shore D hardness ISO 868/15s	45
Yield Strength, N/mm <sup>2</sup> ISO 527 Specimen no.5 Cross-head-speed: 50mm/min	5
Break Strength, N/mm <sup>2</sup> ISO 527 Specimen no.5 Cross-head-speed: 50mm/min	10
Elongation, % ISO 527, Specimen no.5 Cross-head-speed: 50mm/min	250
Temperature creep resistance, °C Henkel method MH 11	110
Low temperature storage, °C Henkel method MH 40/1000 h	-30
Glass Transition, °C DSC, 2. Run	-20
Transmittance, % 450 nm, 2 mm	89
800 nm, 2 mm	91
Refractive index 589 nm, 0.3 mm	1.515

### DIRECTIONS FOR USE

#### Preliminary Statement:

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

#### Preparation:

The surfaces of the substrate must be dry and free from oil, grease and dust.

#### Application:

Application Temperature : 160 to 220 °C  
Application system: Extrusion and injection molding process.

When bonding to a substrate with high thermal conductivity the use of a specific application temperature is required for good wetting.

Do not apply heat above this recommended temperature range and avoid a long exposure to heat. This will degrade the quality of the product and cause discoloration.

#### Cleaning:

For cleaning of the extruder we recommend to use fresh material.

#### Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:  
**Hazardous Information**  
**Transport Regulations**  
**Safety Regulations**

#### Storage:

When properly stored in a cool, dry location, with the container tightly closed when not in use, this product will have a shelf life of at least 12 months.

### Notice:

*This is an experimental product, and the relevant technical data may change.*

## ADDITIONAL INFORMATION

### Disclaimer

#### Note:

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Reference 0.1