



## DANMELTTHANE® PA-115-ZG

### DESCRIPTION

DANMELTTHANE® PA-115-ZG is a hot melt adhesive based on polyamide. The shoe industry uses this hot melt adhesive to pinch the side toe puffs of the shoes. It is used for the melt coating of shoe toe caps and textiles. DANMELTTHANE® PA-115-ZG is suitable for the thermoplastic bonding of synthetics, textiles, leather and many other materials. The melt of DANMELTTHANE® PA-115-ZG is also appropriate for the casting of plug connections in the electric and electronic industry.

### PRODUCT CHARACTERISTIC

	Values	Method
Type	Thermoplastic polyamide	
Aspect/Supply form	Cylinder blocks	
Melting viscosity	500 - 800 mPa.s. at 232 °C	BROOKFIELD RVT
Melting point	105 ± 5 °C	
Processing temperature	150 - 170 °C	
Specific weight	0,98 g/cm <sup>3</sup>	
Tensile strength	8 N/mm <sup>2</sup> at 23 °C / 10 N/m <sup>2</sup>	
Elongation at break	10 %	

### APPLICATION

DANMELTTHANE PA®-115-ZG is a non-elastic and very fast curing polyamide hot melt for:

- Side toe puff adhesives for the shoe production
- Pinching cements for the shoe production
- Processing of melted shoe toe cap materials
- Hot melt adhesive coating of textiles and web materials
- Hot melt laminating adhesives
- Sealants

### PROCESSING

To process DANMELTTHANE® PA-115-ZG it is possible on all common melting devices for melting of cylinder cartouche. The stability of DANMELTTHANE® PA-115-ZG in the melt is excellent. There is no danger of an oxidative damage by air oxygen if the usual processing time and processing temperature are adhered to.

### COMPATIBILITY

DANMELTTHANE® PA-115-ZG can be mixed with any common polyamide hot melt adhesive of the DANMELTTHANE® PA-line in any proportion. The processing is mainly through melt application in original form.



## STORAGE

If correctly stored in a dry place at room temperature and in its original packing, this product can be stored 6 months at least. A humid product can lead to embrittlement of the adhesive film during the later adhesive processing.

## PRODUCT SAFETY

Under normal hygienic working conditions, DANMELTTHANE® PA-115-ZG is a largely non dangerous material. If larger quantities of DANMELTTHANE® PA-115-ZG are processed in the hot melt, a good extraction of the melt fumes must be ensured.

\* For further data, please refer to our Safety Data Sheet

## PHYSIOLOGICAL CHARACTERISTICS

According to recommendations of the BGA (Bundesgesundheitsamt) and FDA (FOOD and DRUG ADMINISTRATION) DANMELTTHANE® PA-115-ZG may be used for the bonding of food wrappings. It is important to observe the conditions mentioned in the recommendations.

## PACKAGING

28 kg multi foil paper packaging boxes on 900 kg.



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