

TECHNOMELT PUR 8831

Known as Purmelt QR 8831
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PRODUCT DESCRIPTION

TECHNOMELT PUR 8831 provides the following product characteristics:

Technology	Polyurethane
Product Type	Hotmelt
Application	Bonding

TECHNOMELT PUR 8831 has been specifically formulated to have durable performance when bonding common automotive lamp substrates.

The special cure mechanism results in a bubble free bond line even up to several mm thickness.

A handling bond will develop immediately after compression as the adhesive is cooled by the secondary substrate.

It should be possible to pressure test after 4 minutes in a typical ambient temperature of 20°C.

Full cure can be achieved in 7 days but this will vary with the lamp design, ambient temperature and humidity.

TECHNICAL DATA

Appearance	solid
Color:	black
Viscosity (Brookfield Thermosel SP 27, 5 rpm, 120°C)	8 Pas
Solids	100%

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.

Application:

TECHNOMELT PUR 8831 can be applied by a pail or drum unloader feeding a robot application head.

It should not be used in a heated reservoir applicator.

The recommended application temperature is 120°C.

The viscosity of TECHNOMELT PUR 8831 will rise on prolonged heating even in the absence of moisture - typically 15% per hour at 120°C.

If application equipment is left for more than 3 hours it is recommended that the temperature be reduced by 20°C.

If the nozzle is left unused for more than 1 hour then this rapid curing adhesive will skin on the surface.

This should be purged or a barrier of high temperature grease applied.

The seal on the drum unloader should prevent moisture ingress and with continuous running it should not be necessary to clean the system.

Storage:

Rotate stock using oldest material first.

Do not mix with other adhesives.

Store in original unopened containers.

Containers should be completely used after opening and should not be resealed.

Shelf life: Typically 6 months from date of manufacture.

Classification:

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazards identification

Transport information

Regulatory information

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Reference 0.1