

TEROSON RB H378

Known as Bondmaster H378
January 2023

PRODUCT DESCRIPTION

TEROSON RB H378 provides the following product characteristics:

Technology	Assembly
Product Type	Hot applied sealant for tightness

Automotive headlamps assembly: glass or polycarbonate lenses to non treated polypropylene housing. For any other substrate, please ask for our technical advice. TEROSON RB H378 allows to re-open the sealed joints, e.g. for service, repair or recycling.

TECHNICAL DATA

Colour	black or grey
Viscosity Brookfield RV 8 (spindle 28, speed 2.5 rpm)	180°C, approx. 200,000 mPa.s
Density, g/cm ³	approx. 1.2

Shear strength on polypropylene samples (shear speed 100 mm/min) : approx. 0.3 MPa

Adhesion to polycarbonate:

- After 72 hours ageing at room T°C : good
- After 72 hours at - 40°C : good
- After 72 hours in water at 60°C : good
- After 72 hours at 80°C : good

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.

Operating Conditions:

Apply by standard melter (type Nordson serial MX) or by bulk melter with heated plate.

Temperature of application: 170 - 190°C. During any interval in working, the temperature should be reduced.

Extrude product into headlamp channel and assemble lens rapidly to ensure a good wetting of the two substrates.

Do not mix with other products.

For any other application conditions, please ask for our technical advice.

Caution:

The final results can be affected if the substrates are not clean.

Cleaning:

Please consult us.

Precautions:

The product is applied hot: take all the safety precautions to avoid splashing and contact with skin.

Provide an efficient ventilation to avoid hot melt fumes.

Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

Hazards identification
Transport information
Regulatory information

Storage:

Frost sensitive	no
Recommended storage temperature, °C	5 to 35
Shelf- life, months (in original packaging)	24

ADDITIONAL INFORMATION

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Reference 0.1