

TEROSON RB Z71S known as ANSEAL Z71S

October 2014

Characteristic:

Teroson RB Z71S is a solvent free, reactive metal-to-metal adhesive based on rubber. The product can be pumped at room temperature using high pressure Pumps. Teroson RB Z71S chemically cross-links at temperature above 170 °C. The cured material is flexible. Teroson RB Z71S adheres well to oily steel sheets. In general, the sealer is wash-off resistant without pre gelling or pre curing against aqueous cleaning and pretreating agents used on the production line of the automotive industry.

Application Areas:

Teroson RB Z71S was specially developed as a mastic antilflutter sealant, used for filling clearances between steel plates and for reinforcing the rigidity of steel plates against vibrations. In automobiles, Teroson RB Z71S is used between skin panel and stiffener of hood (Bonnet or Doors). It can also be used as spot-weld sealer. Teroson RB Z71S is recommended for use when ovens or induction equipment cannot be used for pre gelling or pre curing to reach wash-off resistance, and where, a high degree of elasticity is required over a wide temperature range.

Technical Data:

Color	: Black
Odor	: Characteristics
Consistency	: Paste
Specific Gravity	: 1.4 ± 0.1
Solids	: > 95%
Viscosity at 20°C (Ps)	: 20000 – 30000
Measuring Equipment	: BS viscometer
Measuring System	: SP#7, 2 rpm
Sag Resistance	: Good
Spot Weld ability	: Good
Corrosion Resistance	: Good
Shore hardness A	: 30 ± 10
In service Temperature range:	: - 40 °C to 80 °C
Short Exposure (up to 1 Hr):	: 200 °C

Application:

Teroson RB Z71S is applied from pails and drums with high-pressure pumps having a compression ratio of 55:1 minimum. The material is applied to oily steel sheet. The application pistol can be used either manually, on a fixed basis, or attached to an automatic application system (robot, CNC). The applicator nozzle may be round, triangular or rectangular, according to individual requirements. If required, we will provide you with the necessary information on suitable application equipment.

Storage:

Frost –sensitive	: No
Recommended storage temp.:	: 10°C to 25°C
Shelf-life	: 3 months

Packaging:

25 kg / 200 kg

**Hazard Indications/Safety recommendations/
Transport Regulations**

See Safety Data Sheet

NB: Teroson RB Z71S-HM, Teroson RB Z71S-T & Teroson RB Z71S-C are modified versions of Teroson RB Z71S based on customer requirement.

Important:

The above data, particularly the recommendations for application and use of our products are based on our knowledge and experience. Due to different materials and conditions of application which are beyond our knowledge and control we recommend strongly to carry out sufficient tests in order to ensure that our products are suitable for the intended processes and applications. Except for willful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.

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