

MasterRoc[®] BSG 11

Main Bearing Sealing Grease (Excluder Grease) for Tunnel Boring Machines (TBM)

DESCRIPTION

MasterRoc BSG 11 is an excluder grease for tunnel boring machines. It effectively protects the main bearing and prevents soil, water or dust ingress into the main bearing sealing. It is formulated to resist high water and ground pressures, and has excellent lubrication and pumping properties as well as excellent adhesion to all surfaces.

FEATURES AND BENEFITS

- Excellent sealing and anti-washout properties
- Excellent adhesion to any metal or concrete surfaces
- Excellent pumping and lubricating properties especially at very low or very high temperatures

PACKAGING

MasterRoc BSG 11 is available in standard 230kg and 60kg steel drums for press plate pumps.

TECHNICAL DATA*

Form	Homogenous paste, fibrous
Colour	Black
Odour	None
Density [kg/m ³] 20°C	1150 ± 50
Consistency ISO 2137 [1/10 mm]	250-280
4-ball wear DIN 51350:5 [mm]	< 0.9
Water wash out (38°C) ISO 11009 [%]	< 6
Water spray off (38°C) ASTM D 4049 [%]	< 4
Water resistance DIN 51807/1	0-0
Sealing elastomer compatibility	approved by Merkel, J. Walker
Flash point (base oil)	> 290°C
Biodegradation	inert

STORAGE

MasterRoc BSG 11 should be stored at 5 - 35°C. If stored in original tightly closed drums it has a shelf life of 12 months.

SAFETY PRECAUTIONS

MasterRoc BSG 11 is not hazardous and poses no threat to worker safety or the environment. However, it is recommended that all normal precautions be taken when handling the product, such as the use of eye protection and gloves.

* Properties listed are based on laboratory controlled tests.

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NOTE

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