

Balmerol[®] Graphite Grease 0

Aluminum Based Graphite Grease for Railway Track Fasteners

Technical Data Sheet

Product Description:

Balmerol Graphite Grease 0 is a premium quality Aluminum soap grease fortified with micronised graphite powdered to give excellent lubrication in Railway Track Fasteners. Balmerol Graphite Grease 0 is highly resistant to water and have good mechanical stability.

Balmerol Graphite Grease 0 meets the specification of IS: 408-1981, RA -1993 & 2004

Features & Benefits:

Balmerol Graphite Grease 0 provides the following benefits:

- Superior load carrying capability
- Exhibit excellent adhesiveness
- Excellent mechanical stability

Applications / Recommendations:

Balmerol Graphite Grease 0 is recommended for use in Railway Track Fasteners of Indian Railways.

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Typical Properties:

Balmerol Graphite Grease 0	
Properties	Graphite Grease 0
Thickener type	Aluminium
Kinematic Viscosity of Base Oil, IS: 1448 P:25	216
Worked Penetration 60/60 strokes at 25 °C, IS: 1448 P: 60	332
Dropping Point °C, min, IS: 1448 P: 52	88
Moisture and Volatile matter @ 105 °C, 2 hr, IS: 1448 P: 61	0.536
Ash % by mass, IS: 1448 P: 4	1.46
Copper Strip Corrosion Test @ 75 °C for 24 hrs, IS: 1448 P: 51	Negative
Oil separation @ 25 °C for 168 hrs, % by mass, IS: 1448 P: 85	Negative
Graphite Flake content, % by mass, IS: 1448 P: 58	6.41
Inorganic Acidity, IS: 408 Appendix A	Pass
Resistance to breakdown @ 75 °C for 1 hr, IS : 408 Appendix B	Pass
Flash Point of Base Oil, ° C, (Composite), IS: 1448 P: 69	178

Health and Safety:

Balmerol Graphite Grease 0 is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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