



Hindustan Composites Limited

Material Data Sheet

Compestos Ring - LS-30 AF Ring

Compo asbestos free LS-30 Compestos ring is rigid moulded material black in colour & which is a composition of man made fibre as a carrier, lubricants, heat resistance colours, special phenolic resin & fillers. It has more compatibility & good mechanical strength with high level lubricant property. It is available in discs form in various diameters. & is suitable for lapping operation. It is used for dry & oil free sub-mersible pump application & can be used as thrust bearing in submersible pump as well as monoset pumps. LS 30 AF ring is having very low co-efficient of friction & low wear rate.

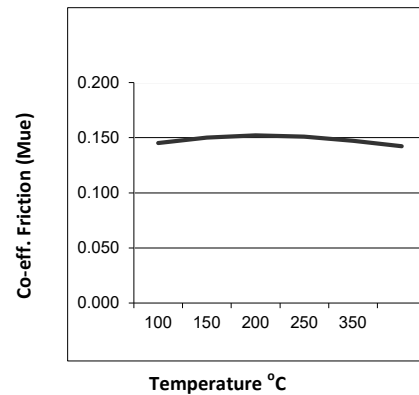


Application

It is especially suitable for under water pumps thrust bearing pads ranging from 0.25 HP to 10 HP of 4", 6", 8" Submersible Pumps, Horizontal & Vertical Openwell Monoblock Pumps.

Special Features of LS-30 AF ring

Excellent Dimensional Stability, High Temperature Resistance, Good Thermal Conductivity, Low Thermal Expansion, Less Power Consumption, Suitable for various Matting Surface, Low Friction, Minimum Wear & Tear, Cost competitiveness, Resistance to Corrosion, Self Lubricating during Operation, Suitable for both, Submersible & Monoblok Pumps, Excellent working in Dry & Water Medium



Technical Details

Ultimate Compression Strength	:-	600 kg/cm ² (min)
Shear Strength	:-	75 kg/cm ² (min)
Co-efficient of Friction	:-	0.10 / 0.20

Recommended Operating Temperature

Max. Operating Temp.	:-	150°C
Max. Contineous Temp.	:-	70°C

Recommended Mating Surfaces

Suitable for various grade matting surface mainly - 1) SS, 2) LTB-4, 3) CI

Machining Details

High speed carbide tools / drills are recommended for machining of LS 30 AF ring grade VIZ. for drilling, turning and boring.

Availability (Product Range)

Available in discs form having Outer Diameter from 41 - 121 mm & Inner Diameter from 22 to 75 mm with thickness 5 mm.

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