



Innovation and Experience at Work

IsoTech 2010

IsoTech 2010 is impregnating oil intended for use in conjunction with powder metal bearings. IsoTech 2010 is formulated with a special thickener to help hold the oil near the bearing. This product should not be filtered and should be stirred well before impregnation or use. Impregnation should be carried out under vacuum conditions and the oil should be heated to approximately 175°F (80°C). Remove the excess oil via drip drying or centrifuging.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range		-50°C to 150°C
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Aluminum Complex Soap
Color		Light Yellow/Opaque
Appearance		Semi-fluid
NLGI Grade		00
	Worked 60X	400-430
Evaporation (CTM-1)	24h at 100°C	0.4
Copper Corrosion (ASTM D4048)	24h at 100°C	1b
Corrosion Prevention (ASTM D1743)		Pass
Specific Gravity (CTM-2)	25°C	0.84

*The typical values reported on this data sheet should not be used for writing specifications or creating drawings. Please consult ECL for assistance in preparing a specification for this product. Refer to our product Material Safety Data Sheet for detailed safety information.

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