

## G. BESLUX PLEXBAR L-2

**G. BESLUX PLEXBAR** is a very modern grease provided with high resistance to aging, water wash out, hot water vapour, acid and alkaline solutions, etc. All these properties ensure a long useful life and extended lubricating periods, consequently a lower consumption.

The above-mentioned properties plus high antiwear capacity, excellent adhesion to metal even with vibrations, and resistance to temperatures up to 150°C, make our **G. BESLUX PLEXBAR L-2** very suitable in a wide application fields such as:

- Spindles
- Engines
- High speed bearing in wet or chemical ambience
- Bearings exposed to vibrations or oscillations etc

### PROPERTIES

➤ Cold water resistance	very good
➤ Hot water resistance	very good
➤ Water vapour resistance	very good
➤ Alkaline solutions resistance	very good
➤ Acid solutions resistance	good
➤ Synthetic detergents resistance	fair
➤ Organic solvents resistance	bad
➤ Aging resistance	very good
➤ Oxidation resistance	very good
➤ Corrosion resistance	very good
➤ Shearing resistance	very good
➤ Vibration resistance	very good
➤ High temperatures resistance	good
➤ High pressures resistance	very good

### SPECIFIED CHARACTERISTICS

Characteristics	Test Method	L-2
<input type="checkbox"/> Thickener, soap type	-	Barium complex
<input type="checkbox"/> Base oil nature	-	Mineral paraffinic
<input type="checkbox"/> NLGI Class	-	2
<input type="checkbox"/> Penetration 25°C, x 0,1mm	(ASTM D-217)	265/295
<input type="checkbox"/> Drop point, min	(ASTM D-566)	220°C

### APPLICATION

Manual, or greaser with grease pump

### CAUTIONS

- ☼ Do not mix with different nature greases.
- ☼ Whenever a mechanism is operating with another lithium, calcium soap grease type etc. it is worth to proceed to a few close regreasing to eliminate the grease. G. BESLUX PLEXBAR range is not compatible with inorganic and silicone greases. In such case it is worth to clean the mechanism prior to the application of our grease.



**GENERAL CHARACTERISTICS**

Characteristics	Standard	L-2
<input type="checkbox"/> Color	-	Cream
<input type="checkbox"/> Worked penetration 10 <sup>5</sup> W, 0,1 mm	ASTM D-217	Max. +35
<input type="checkbox"/> SKF/Emcors test ⇒ distilled water ⇒ salt water , max.	DIN-51802	0 2
<input type="checkbox"/> 4 Balls test ⇒ welding load, (kgs.) ⇒ wear scar diameter 1h/40 Kg, mm	IP-239	> 350 < 0,60
<input type="checkbox"/> Base oil viscosity at 40°C	-	100 cSt
<input type="checkbox"/> Copper strip corrosion, 24h/100°C	ASTM D-048	Max. 1b
<input type="checkbox"/> Resistance to water wash-out, 80°C	ASTM D-1264	< 4,5%
<input type="checkbox"/> Oil separation 7 days/40°C	IP-121	< 4,5%
<input type="checkbox"/> Speed factor (ndm)	-	5x10 <sup>5</sup>
<input type="checkbox"/> Operating temperatures, °C	-	-15/150
<input type="checkbox"/> Peak temperatures, °C	-	170

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