



## TECHNICAL DATA SHEET

### POLYDAX EP 2

Synthetic Extreme Pressure Polypropylene Grease

#### DESCRIPTION:

Polydax EP 2 is a top-tier polypropylene thickened lubricating grease formulated with synthetic base fluids and advanced Extreme Pressure (EP) and Anti-Wear (AW) additives based on bismuth technology. The grease contains antioxidants and corrosion inhibitors, and its inert, non-ionic thickener system ensures outstanding compatibility with conventional greases. This technology offers strong resistance to aggressive process fluids and enables a continuously regenerating lubrication film that adapts to varying speeds.

Polydax EP 2 is particularly well-suited for electric vehicles and wind turbines, where thermal stability, consistent lubrication, and protection of sensitive materials such as ceramics, elastomers, and aluminum are critical.

#### BENEFITS:

- Reduced maintenance intervals and extended equipment life
- Compatible with sensitive materials like ceramics and aluminum
- Adaptive lubrication film across a wide speed range



#### SPECIFICATIONS:

- ISO 12924: L-XC(F)CIB2
- DIN 51502: KPHC2K-30

#### TYPICAL PROPERTIES

Thickener		Polypropylene
Base Fluid		Synthetic Oil
Texture		Smooth
Colour	Visual	Yellow
NLGI Grade		2
Dropping point	°C	>140
Base oil viscosity at 40°C	mm <sup>2</sup> /s	260
Base oil viscosity at 100°C	mm <sup>2</sup> /s	34
4 Ball Weld load	N	3200
Penetration 60 Strokes		265 - 295
Temperature Range	°C	-30°C to +120°C



**RYMAX LUBRICANTS B.V.** Delweg 8  
The Netherlands 6902 PJ Zevenaar

T +31 (0) 316 740 856

E [info@rymax-lubricants.com](mailto:info@rymax-lubricants.com)

W [www.rymax-lubricants.com](http://www.rymax-lubricants.com)

[WWW.FACEBOOK.COM/RYMAXLUBRICANTS](https://www.facebook.com/RYMAXLUBRICANTS)

[WWW.INSTAGRAM.COM/RYMAXLUBRICANTS](https://www.instagram.com/RYMAXLUBRICANTS)

All performance data on this Technical Data Sheet are indicative only and can vary during production

GR0080021

Version Number: 1

Date:  
17-06-2025