

Petronas Grease PTFE

High Performance Grease for Aggressive Environments



Extreme Pressure



Corrosion Protection



High Temperatures

Description

Petronas Grease PTFE is a polytetrafluorethylene thickened lubricating grease based on perfluoropolyether.

The grease contains a fluorinated additive system to provide enhanced corrosion inhibition.

The special thickener system and base oil make the product chemically inert and resistant to strong acids and bases as well as to aggressive chemicals and solvents.

The grease has excellent thermal stability making it suitable at elevated temperatures up to 270°C.

Applications

Petronas Grease PTFE is a high tech product suitable for applications in aggressive environments and at elevated temperatures. The grease is especially suitable for the lubrication of components working in the presence of pressurised oxygen or in food processing areas.

Operating Temperature from -35°C to +250°C Max +270°C

Features & Benefits

- Excellent at high temperatures
- High load carrying capacity
- Good corrosion protection
- Chemically inert

Typical Properties

	Test Method	Unit	Petronas Grease PTFE
DIN classification	DIN 51502		KPFC2U-35
ISO classification	ISO 6743		L-XEGIB2
NLGI Grade	ASTM D217		2
Thickener Type			PTFE
Colour	Visual		White
Penetration, @ 25°C Worked	ASTM D217	0.1 mm	280
Base Oil Type			PFPE
Viscosity of Base Oil @ 40°C	ASTM D445	cSt	240
4-Ball Weld Load	DIN 51350:4	N	7500
4-Ball Wear Scar (1h at 400N)	ASTM D2266	mm	0.44
Oil volatility [22h at 204°C]	ASTM D927 modified		Max 3
Density	IP PM-CS/03	g/ml	1,95

Health & Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. Due to continual product research and development, the information contained herein is subject to change without notification.