

reinhard oil

ReinhardOil.dk ApS - Helleruplund Allé 8
DK-2900 Hellerup - Denmark
Telefon 70 26 70 07 - Telefax 70 26 70 47

smøremiddel
specialisten

Molydane Moly Powder

MolyDane moly powder comes in Three particle sizes and are a very pure form of molybdenumdisulphide, and are excellent lubricants with typical coefficient of friction values from 0,04 to 0,10. They are grey-black powders, having a melting point above 1480°C(2700 °F). Oxidation begins in dry air at 350-400°C(750°F) and increases fast with increasing temperature. In vacuum or non-oxidizing atmospheres it is stable up to 1000°C(2000°F). In low temperature area it works down to +185°C. Loadbearing capabilities can exceed 3 x 10.000.000.000 N/m²(400.000 psi)

Applications:

MolyDane 1001 Moly powder:	PTFE – Nylon – plastics – as dry lubrication
MolyDane 1002 Moly powder:	PTFE – Greases – Pastes – as dry lubrication
MolyDane 1003 Moly powder:	Greases/pastes – suspensions in oil/ synth.oil – dry lubrication

Specifications

MolyDane powders	1001	1002	1003
Particle sizes are max valus	Technical ±200mesh	Tech-fine (Microsize)	SuperFine (the finest)
Average particle size In microns (Fisher)	3-4	0,65 -0,75	0,4 – 0,5
Maximum particle size in microns(US Sieve)	75	15	5
Acid number (at production time)	0,05	0,05	0,10
Contents, % by weight:			
Mos-2 minimum (typical)	98	98	97
Acid insoluble	0,5	0,5	0,75
Iron	0,3	0,3	0,40
Molybdenumtrioxide	0,05	0,05	0,05
Water	0,02	0,05	0,10
Oil	0,05	0,40	0,70
Carbon	1,80	1,80	2,70
Quality level	Mil-M-7866	NATO S-740	
		MOD 68-22/2 06.08.93	
Storage: Use if possible in one lot	Store dry, preferably under Nitrogen carpet		

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Please mail your inquiry to: mail@reinhardoil.dk or call us +45 70 26 70 07

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mail@reinhardoil.dk



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