SDA 0 NG

Definition:
SDA 0 NG is a Molybdenum Bisulfide (MoS2)-based coating resistant to high temperatures and heavy loads.
The resulting film offers excellent resistance to wear and abrasion, as well as excellent adhesion to a variety of substrates.
SDA 0 NG has good chemical resistance, particularly to oils, greases and solvents

The film has a low coefficient of friction over a temperature range of -70 °C to 250 °C.

The lubricating film has no influence on the mechanical characteristics of the parts.

The main use of SDA 0 NG is for coating bulk or sprayed items such as: bolts, screws, nuts, clips, springs, axles, mechanical fastening systems, low-load friction mechanisms, noise and seizure reduction.

Two methods are recommended for applying the product: immersion (most commonly used) and spraying.

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS):

SDA 0 NG complies with the 2017/1000 EU regulation (effective July 4, 2020) and annexe XVII of the 1907/2006 UE (EG) regulation.

The SDA 0 NG meets the requirements set by the automotive, aerospace and weapons industry.

SDA 0 NG is CMR-free.

Technical features:

Product color	Grey
Film color	Grey
Temperature range	-70°C to 20 µm
Optimum thickness	10 to 20 µm
Density at 20°c DIN 51757	Around 1.15 - 1.2g / cm3
Viscosity at 20°C DIN 2431	20 - 40 s cut 4 mm
Flash point DIN EN 57	Without
Polymerization	30 min at 200 °C – 60 min at 130 °C

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