

TECHNICAL DATA SHEET:

Stearates - Technical Grade



Material Sciences

Stearates - Technical Grade - 1083-G - Lithium

1083-G Lithium stearate is used as a lubricant and gelation agent in high temperature and multipurpose greases due to its high melting point and water resistance. It also finds application as a mold release agent for green parts in specialty powdered metals.

BSI Code: 1083-G

Description: Technical

Grade: Tallow

C.A.S. Number: 4485-12-5

Storage Life: 24 months from date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity.

Handling Precautions: Please refer to the 1083-G Safety Data Sheet.

TYPICAL PROPERTIES

Sulphated Ash (%)	18.0 - 24.0
Moisture (max %)	1.0
Free Fatty Acid (max %)	2.0
Soluble Salts (max %)	
Bulk Density (g/ml)	0.25
Melting Point (°C)	195 - 210
% Thru 100 Mesh	99.0

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