

TECHNICAL DATA SHEET

Product: Lithium Hydroxide Monohydrate

Grade: Battery

CAS: 1310-66-3

EINECS: 215-183-4

Lithium hydroxide monohydrate plays an important role, especially in the production of lubricating greases. It is also used in the manufacture of cathode material for Li-ion batteries, and in the manufacture of glass as well as certain ceramic products. Thanks to its carbon dioxide-binding properties, it also finds application in air purification

Technical parameters

Item	Standard
Molecular Mass	41.96
Boiling point	925C at 745mmHg
Melting point	462C
Relative density	1.51 g/cm ³ at 25C
Appearance	Crystal powder
Assay, %, not less than	57
Impurities, % not more than, (CO ₃)	0,43
Impurities, % not more than, (Na+K)	<0.0016
Impurities, % not more than, (Ca)	<0.0005
Impurities, % not more than, (Mg)	<0.0005
Impurities, % not more than, (Al)	<0.005
Impurities, % not more than, (Fe)	0.0021
Impurities, % not more than, (Si)	<0.0005
Impurities, % not more than, (Pb)	<0.0005
Impurities, % not more than, (Cl)	<0.01
Impurities, % not more than, (SO ₄)	0.005

Tel:
+7495 3202820

E-Mail:
info@3spolymers.ru

3S POLYMERS LTD

INN 3851018522
 OGRN 1163850095001
 665830 Russia, Irkutsk
 Region., Angarsk,
 Moscovskaya st, 19

ООО "ЗС ПОЛИМЕРС"

ИНН 3851018522
 ОГРН 1163850095001

665830 Россия,
 Иркутская Обл.,
 г. Ангарск,
 ул. Московская 19

Packing, transport, storage

- 25kg bags or under customers request
- Keep in dry well-ventilated room
- Shelf life 2 years