

Lanthanumhexaboride LaB_6

Application

Lanthanumhexaboride is a unique purple colored material with high thermionic emission of electrons. It is used as cathode material for electron guns.

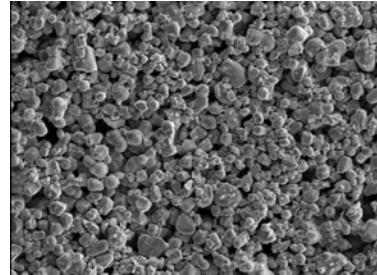
Other applications are related to coatings with special infrared adsorption properties.

Chemical Analysis

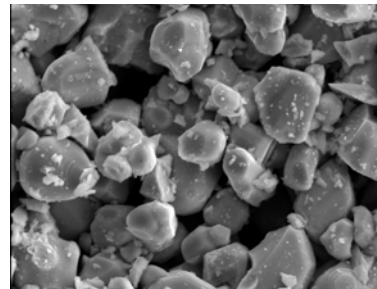
	%		%
C tot	0.20 max	La	67.5-68.5
O	0.50 max	B	30.5-31.5
N	0.10 max	Fe	0.15 max
		W	0.10 max
		Co	0.10 max

Particle Size / Order No. FSSS/ μ m

2.0–5.0 "standard"



10 μ m



1 μ m

Packing

- 25 kg in 25 l coated steel drums with rubber sealing
- 5 kg in PE plastic bottles
- Material in PE- Bag

Maximum Lot Size

- 100 kg

Inspection certificate according
 DIN EN 10204 3.1 8