

Boron Phosphate Anhydrous

Powder, insoluble

Product data Product-no.:B 13-04
Chemical name:Boron Monophosphate
Chemical formula:BPO₄
Molecular weight:106
CAS-No:13308-51-5
EINECS-No:2363377
Appearance:.....white powder

Typical analysis

B ₂ O ₃ -value (%):.....	34
P ₂ O ₅ -value (%):.....	64
Loss on ignition (%):.....	< 1
Bulk density (g/l):.....	600
pH-value (10 % suspension):	3

Solubility:insoluble in water and mineral acids

Mode of action BORON PHOSPHATE ANHYDROUS is a low reactive material at ambient temperatures. The reactivity increases with ascended temperatures. In combination with molten alkali components BORON PHOSPHATE ANHYDROUS shows a high reactivity.

Due to its composition and properties BORON PHOSPHATE ANHYDROUS is suitable for different applications.

Application Main field of application:

- Refractories
- Ceramics
- Flame-retardants