^{10}B in the form of Enriched Boron Carbide Powder

Description

Neutron absorber primarily for nuclear control rod applications Can be converted into final articles with high densities such as pellets, plates or sputtering targets.

Physical Properties:

Material	10B in the form of Enriched Boron Carbide Powder
Form	10B4C
Enrichment	60,0±0,6 at% 64,0±0,6 at% 80,0±0,8 at% 85,0±0,9 at% 92,0±0,9 at% 96,0±1,0 at%
Purity	>99 wt.%

Impurities, wt.%

C, %	20,5-23,0
B2O3, %	0,3
(Si+Ca+Al), %	0,5

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Fe,%	0,5
Mg	0,2

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