Boron Nitride

Boron nitride is a crystal of nitrogen and boron atoms.The chemical composition is 43.6%boron and 56.4%nitrogen,with four different variants:hexagonal boron nitride (HBN),rhomboidal boron nitride (RBN),cubic boron nitride (CBN)and wurtzite boron nitride (WBN).

Application

1.Metal forming release agent and metal wire drawing lubricant.

2.Special electrolytic and resistance materials in high temperature state.

3.High temperature solid lubricants,extrusion anti-wear additives,additives for the production of ceramic composite materials,refractory materials and anti-oxidation additives,especially for the occasion of anti-molten metal corrosion,heat reinforcement additives,high temperature resistant insulation materials.

4 transistor heat sealing desiccant and polymer additives such as plastic resin.

5.Boron nitride products pressed into various shapes can be used as high temperature, high pressure, insulation, heat dissipation parts.

Gradk	BN)	B203(%)	C(%)	Totl exycen(	si AL, Ca	Cu, K, Fe, Na	050	Crystul Size	BET	Tap Density
					W	NE. Cr[%]			(m2句	(oem³
TW02	00. 3	02	0. 05	0. 5	<10ppm each	<10ppm each	24um	1um	15-30	0. 15-0. 25
TW0B-H	00. 7	0. 1	0. 05	0. 3	<10ppm each	<10ppm each	6-8um	7um	48	040-0. 60
TW10-H	99. 7	0. 1	0. 05	0. 3	<10ppm each	<10ppm each	9-12m	12m	48	035-0. 50
TW20H	09. 7	0. 1	0. 05	0. 3	<10ppm each	<10gpm each	18-22um	12m	36	035-0. 50
TW20-W	90. 5	0. 1	0. 05	0. 5	<10ppm each	<10ppm each	20. 25um	20um	0. 7-1. 5	040-0. 60
TW50-H	09. 7	0. 1	0. 05	0. 3	<10ppm each	<10ppm each	45-55um	12um	36	0. 35-0. 50
PN02	99	0. 5	0. 05	1. 0	c10ppm each	<10ppm each	24um	1um	15-30	0. 15-0. 25
PN06H	00	0. 5	0. 1	0. 8	<30ppm each	<10ppm each	6-8um	nm	48	0. 40-0. 60
PW10H	00	0. 5	0. 1	0. 8	30ppm each	<10ppm each	0-12um	12um	48	0. 35-0. 50
PN20-H	90	0. 5	0. 1	0. 8	30ppm each	<10ppm each	18-22um	12um	36	035-0. 50
PN50-H	90	0. 5	0. 1	0. 8	30ppm each	<10wpm each	45-55um	12m	36	035-0. 50

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