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Lubrication and mold release materials, Electric insulating filler

덴카 보론나이트라이드 분말은 윤활성, 전기 절연성, 대열성이 뛰어나며
육방성계의 질화붕소입니다. 소성재료의 이형목적에도 사용 가능합니다.

Denka boron nitride (powder) is a hexagonal powder with excellent physical properties such as lubricity, electrical insulation, and heat resistance. It can also be used for mold release purposes for firing materials.

덴카 질화붕소 분말

Denka Boron Nitride(Powder)

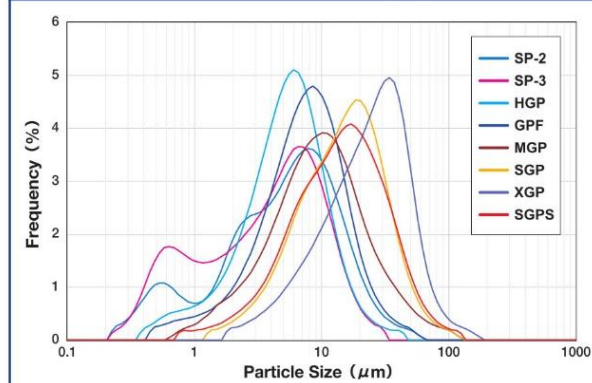


덴카 질화붕소분말의 대표물성

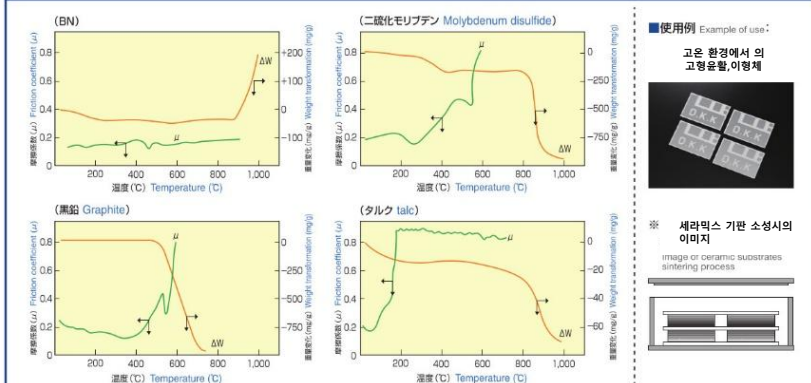
Typical Properties of Denka Boron Nitride Powder

Properties	Grade	Platelet								Aggregate
		XGP	SGP	MGP	GPF	HGP	SP-2	SP-3	SGPS	
Composition	BN	%	99	99	99	99	99	97	98	86
	B ₂ O ₃	%	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	T-O	%	0.2	0.3	0.4	0.3	1.0	1.8	0.9	7.0
	T-C	%	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1
Properties	SSA	m ² /g	1	2	3	7	9	34	25	2
	D50	μm	30	18	10	7	5	4	4	12
	Density	g/cm ³	0.8	0.8	0.8	0.6	0.4	0.4	0.4	0.5
	G.I.		0.9	0.9	0.9	0.9	1.2	7.5	4.0	1.5
SEM image - 10μm										

주요 그레이드의 입도분포
Particle size distribution of major grades.



각종윤활재료의 마찰계수, 가열중량변화의 온도의존성
Coefficient of friction for various lubricants, temperature dependence for heat transformation.



Denka

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