

POLYBORAZYLENE

PB-900

SHAPE, HEAT AND TRANSFORM
INTO HIGH-PURITY HEXAGONAL
BORON NITRIDE FOR EXTREME
TEMPERATURE PERFORMANCE



ABOUT POLYBORAZYLENE

- Polyborazylene is a fine powder and an oligomer derived from borazine by dehydrogenation and polymerisation.
- It has molecular structure that lies between monomeric borazine and the final polymeric structure of hexagonal boron nitride.
- Its molecular structure and physical properties depend on the degree of polymerisation, particularly the reaction temperature and duration.
- It acts as a pre-ceramic polymer precursor – you can shape it (grind, disperse, coat) and heat it to convert it to boron-nitride rich material.

PROPERTIES



Low friction coefficient



Chemical stability



Air stability



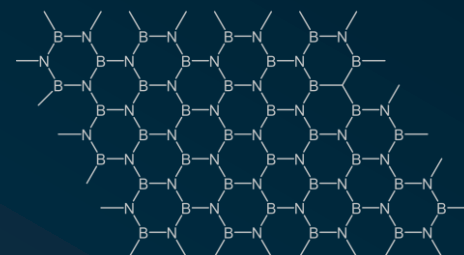
High toughness



High electrical resistance



Self-reinforcing capability



Safety data sheet and prices are available on our website after registration.

www.katchem.cz/en



keder@katchem.cz



paskan@katchem.cz



+420 705 839 252

Katchem

WE KNOW ALMOST EVERYTHING
ABOUT BORON CHEMISTRY

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