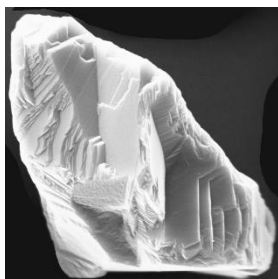


SYNDUST® CBN-A

CUBIC BORON NITRIDE MICRON POWDERS

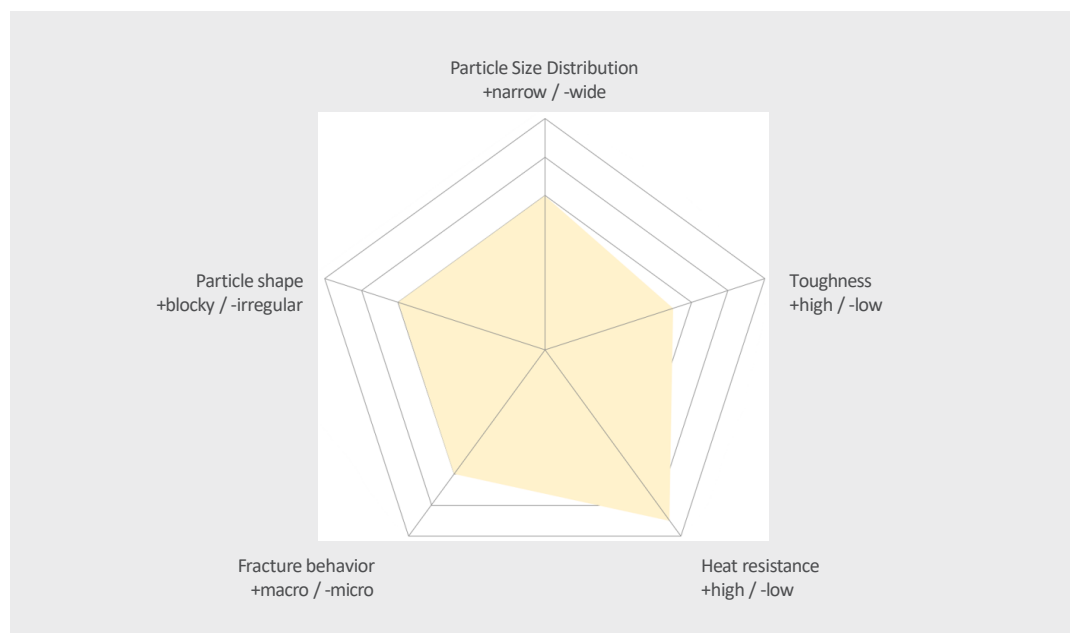


SYNDUST® CBN-A | SUPERIOR THERMAL STABILITY

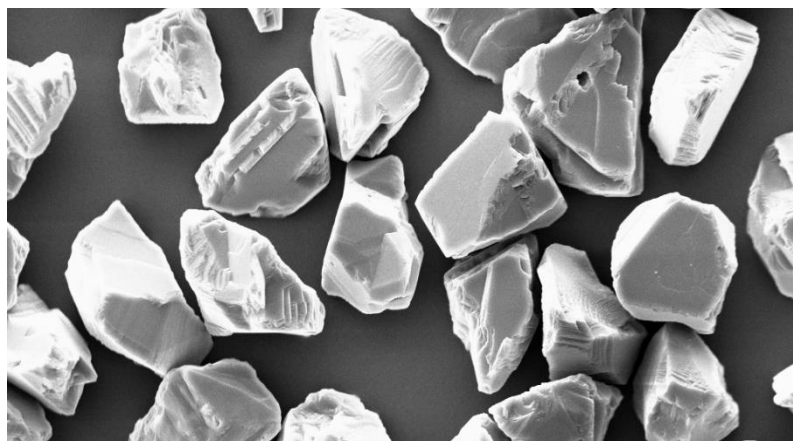
CBN-A is the standard, amber coloured, uncoated medium-tough CBN micron powder with good thermal stability, for maximum economy in electroplated and vitrified bonding systems, or for lapping and polishing applications on ferrous metals.

Van Moppes guarantees consistent quality by control of raw material, production process and unique inspection method.

PRODUCT CHARACTERIZATION



PROPERTIES	CBN-A
GRADING	normal
SYNTHESIS	HPHT
CRYSTAL STRUCTURE	monocrystalline
PARTICLE SHAPE	blocky to irregular
FRACTURING MODE	macro-fracture
SURFACE STRUCTURE	angular
IMPACT RESISTANCE	medium
PURITY	> 98.0%
BONDING SYSTEMS	EP, VI, MB
DENSITY	3.48 g/cm ³



SYNDUST[®] CBN-A

CUBIC BORON NITRIDE MICRON POWDERS

D50 – MEDIANE SIZE	CBN-A	MESH EQUIVALENT	FEPA EQUIVALENT
46.0	CBN-A 40-50	#500	
36.0	CBN-A 30-40	#600	MD40
29.0	CBN-A 22-36	#700	
24.0	CBN-A 20-30	#800	MD25
19.0	CBN-A 15-25	#1000	
14.0	CBN-A 10-20	#1200	
12.0	CBN-A 8-16	#1400	
8.00	CBN-A 6-12	#1800	
5.70	CBN-A 4-8	#3000	MD6.3
4.00	CBN-A 3-6	#6000	MD4.0
3.00	CBN-A 2-4	#8000	

Extra Coatings and Sizes:

On request