

福建鑫结利新材料科技有限公司，位于中国东南，距离厦门100公里。

XJL located in Zhangzhou,southeast of China,100kms away from Xiamen port.

福建鑫结利新材料科技有限公司为晶洁辉集团旗下子公司。鑫结利负责生产陶瓷磨料。（晶洁辉集团拥有漳州锦源盛铝业、漳州晶洁辉陶瓷新材料有限公司、福建鑫德洲陶瓷有限公司等生产企业和若干贸易及采矿子公司分布于厦门、佛山、泉州、澳大利亚和非洲等地）

(XJL) Fujian XinJieLi New Material Technology industry Co., Ltd. Belongs to JingJieHgroup. XJL Produces ceramic alumina abrasives. (JingJieHui group owns (JYS) Zhangzhou JinYuanSheng Zr Industry Co.,Ltd.Zhangzhou Jingiehui New Ceramic Materials Co.,Ltd. Fujian XinDeZhou Ceramic Co., Ltd. And other factories, as well as trading and mining branches in Xiamen, Quanzhou, Foshan, Australia and Africa)

LOOSE PACK DENSITY(LDP)LIMITS:(MACRO SIZES) 松散堆积密度范围

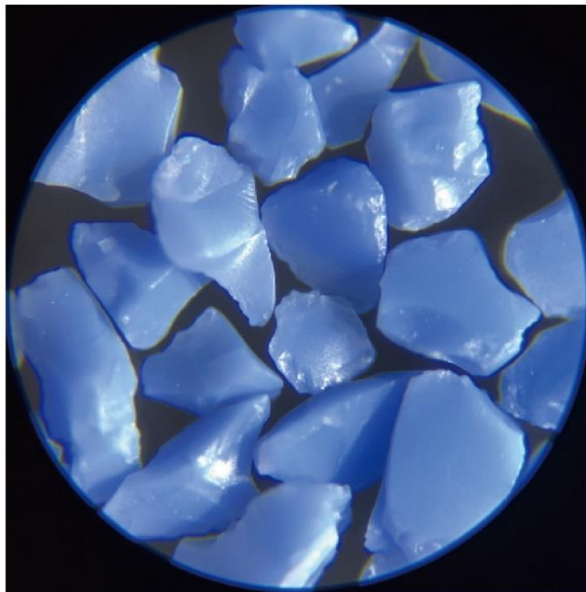
粒度号 / Grit	堆积密度 / LDP(g/cm ³)			高堆 / High LDP	
	TB	P	F	HF	HP
16#	—	—	1.85-1.97	>1.97	—
20#	—	—	1.85-1.97	>1.97	—
24#	1.75-1.85	1.80-1.92	1.83-1.95	>1.95	>1.92
30#	1.75-1.85	1.79-1.90	1.80-1.92	>1.92	>1.90
36#	1.75-1.85	1.78-1.88	1.79-1.91	>1.91	>1.88
40#	1.72-1.82	1.76-1.86	—	—	>1.86
46#	—	—	1.77-1.89	>1.89	—
50#	1.70-1.80	1.75-1.85	—	—	>1.85
54#	—	—	1.73-1.85	>1.85	—
60#	1.68-1.78	1.71-1.82	1.71-1.83	>1.83	>1.82
70#	—	—	1.67-1.79	>1.79	—
80#	1.66-1.76	1.68-1.80	1.68-1.80	>1.80	>1.80
90#	—	—	1.67-1.79	>1.79	—
100#	1.66-1.76	1.66-1.78	1.67-1.79	>1.79	>1.78
120#	1.66-1.76	1.66-1.78	1.67-1.79	>1.79	>1.78
150#	1.66-1.76	1.66-1.78	1.67-1.79	>1.79	>1.78
180#	1.66-1.76	1.66-1.78	1.67-1.79	>1.79	>1.78
220#	1.66-1.76	1.66-1.78	1.67-1.79	>1.79	>1.78

PHYSICAL PROPERTIES 物理指标

颜色 / COLOR	蓝色 / BLUE
维氏硬度 / VICKERS HARDNESS	1920-2100
真密度 / TRUE DENSITY	3.90g/cm ³
晶体尺寸 / CRYSTAL SIZE	100NM~500NM,TYPICAL 300NM
粒度号范围 / GRIT NUMBER	F16~F220,P24~P220
企标粒度范围 / SEPCIAL Grit NUMBER	TB24+~TB220+
高堆积密度粒度范围 / HIGH LDP GRIT	HF16~HF240,HP24~HP240
微粉粒度范围 / MICRO POWDER	JIS#240~#8000
	F230~F1500
	200/230(200#)~W3.5(5000#)

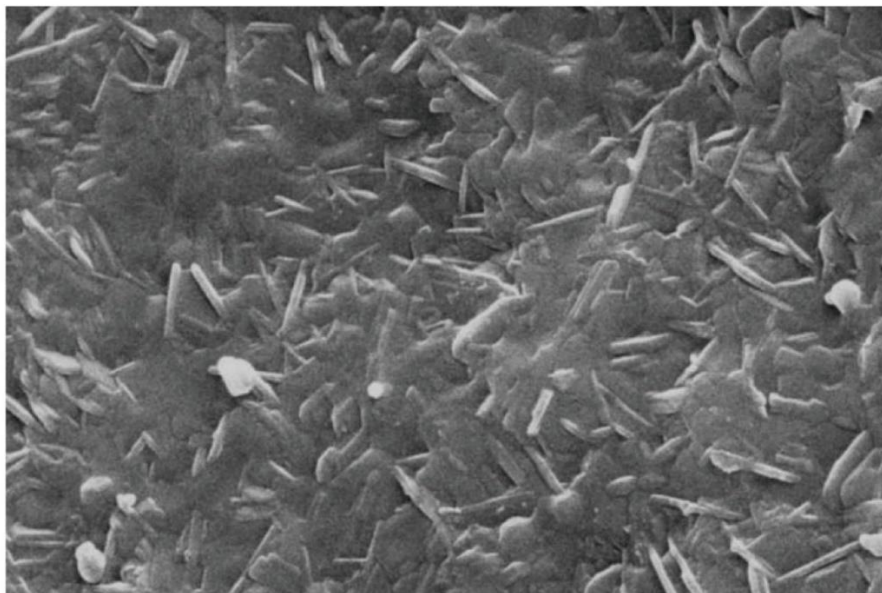
BCA, Sol-Gel method, ceramic abrasive grains provide excellent grinding efficiency. High hardness and high toughness, good self-sharpening performance.

BCA陶瓷磨料、微晶陶瓷刚玉，采用溶胶凝胶法生产，提供卓越的研磨效率、高硬度和高韧性，具有良好的自锐性能



They have a unique platelet-reinforcement crystalline microstructure. combined with rare earth and alumina, nano sized crystal.

它们具有独特的片状强化结晶微观结构。结合稀土和氧化铝具有纳米级晶体。



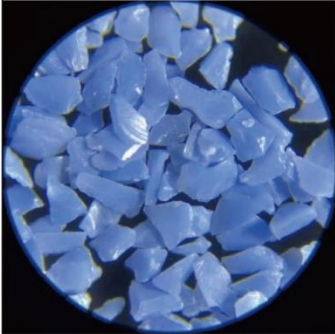
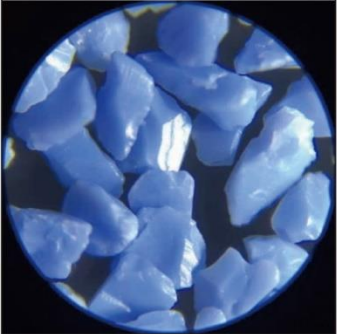
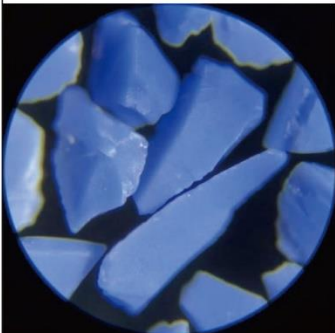
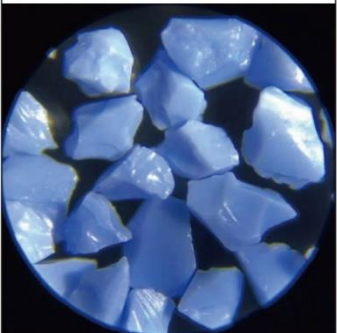
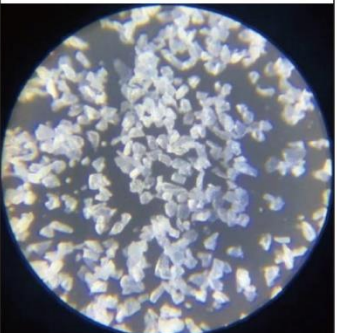
BENEFITS 优势

CUT FAST
切割速度快

LONGER LIFE
寿命长

COOL
冷切快不烧伤

APPLICATION 应用	
P	Ideal for coated abrasives 用于涂附磨具
F	Ideal for bonded abrasives. Resin bonded grinding wheel and Vitrified bonded grinding wheel. 用于固结磨具
TB	Ideal for coated abrasives, Lower LDP than P grit larger grain size than P grit 用于涂附磨具。低堆积密度，颗粒比国标P砂大
	Used with conventional abrasives of the same grit number, Conventional abrasives are used as supporting parts at the bottom of coated abrasives.
	Ceramic abrasives grains is the main grinding force, on the top layer. 与磨料传统搭配使用，TB陶瓷磨料颗粒较大，位于传统磨料上层，是磨削的主力。
HF	LDP higher than normal F grit. With higher toughness. It has the highest toughness of the ceramic abrasives. 高堆积密度F砂，高韧性。
	Used with diamond abrasive, in resin grinding wheel, improve sharpness and life. 陶瓷磨料中韧性最高的颗粒，可替代部分金刚石用于某些树脂磨具，显著提高锋利度和寿命。
HP	LDP higher than normal P grit. Ideal for heavy duty coated abrasives. 高堆积密度P砂，用于重负荷研磨。
RF	Surface treated F grit. Ideal for cut-off discs and abrasive discs. 镀铀陶瓷磨料，主要用于切割片和磨片。
M	微粉粒度范围：日标JIS240-JIS8000；国标F230~F1500；200/230~W3.5
TG	High material removal-rate applications. 应用于高材料去除率场景

P grit (P砂) 	F grit (F砂) 	RF grit (镀铀) 	TG(长条状) 
TB grit (企标大粒度) 	HF&HP grit(高堆积密度) 	M micro powder (微粉) 	M appearance 微粉放大外观 