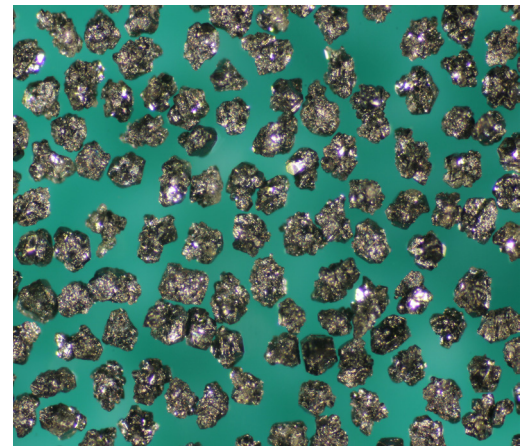
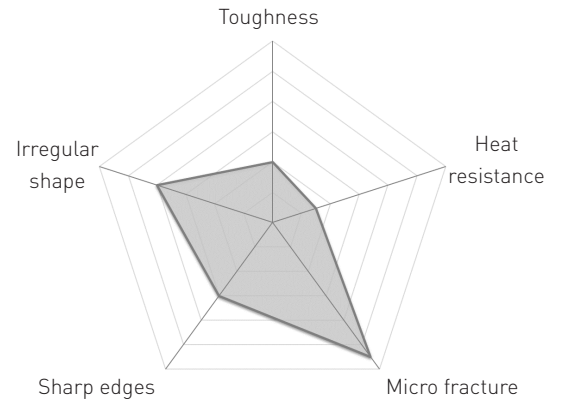
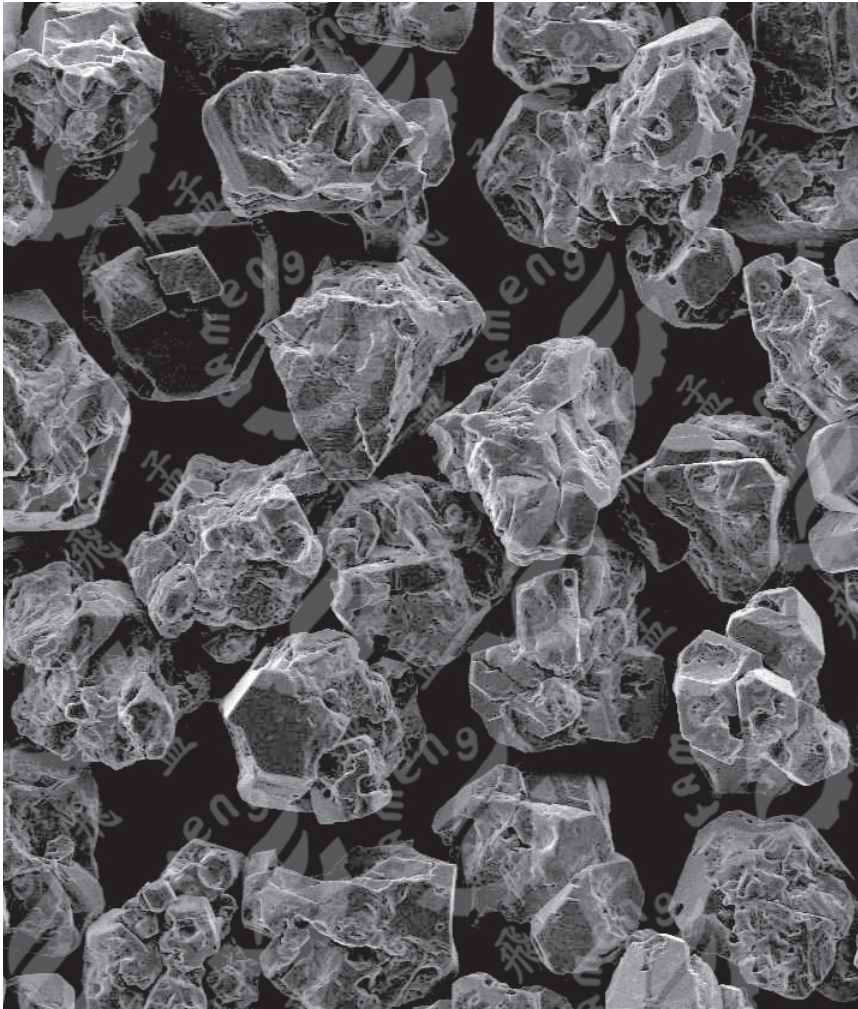


FRD-S is a very friable and therefore free-cutting premium diamond with a microcrystalline fracture behavior. It is effective for high performance in applications on materials like Cermet, carbide and hard ceramics, as well as double-sided lapping and polishing. It provides very good material removal rates and an excellent surface finish and geometry.



Properties

- ▶ very high friability
- ▶ fine microfracture
- ▶ irregular particle shape
- ▶ reduced heat resistance

Applications

- ▶ double-sided fine grinding, OD, surface and tool grinding
- ▶ tungsten carbides, Cermet, technical ceramics)
- ▶ high precision components (Al₂O₃)

Bonds

- ▶ resin
- ▶ polyimide

Size Availability

● Available ○ On request

Product	density(g/cm ³)	60/80 D252	80/100 D181	100/120 D151	120/140 D126	140/170 D107	170/200 D91	200/230 D76	230/270 D64	270/325 D54	325/400 D46	400/500 D39
FRD-S	3.52	○	●	●	●	●	●	●	●	●	●	●
FRD-S N56	5.12	○	●	●	●	●	●	●	●	●	●	●