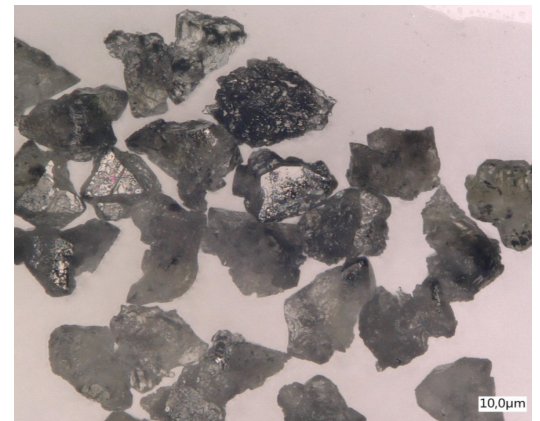
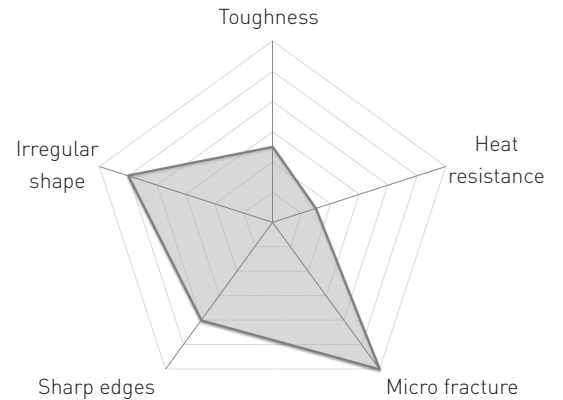
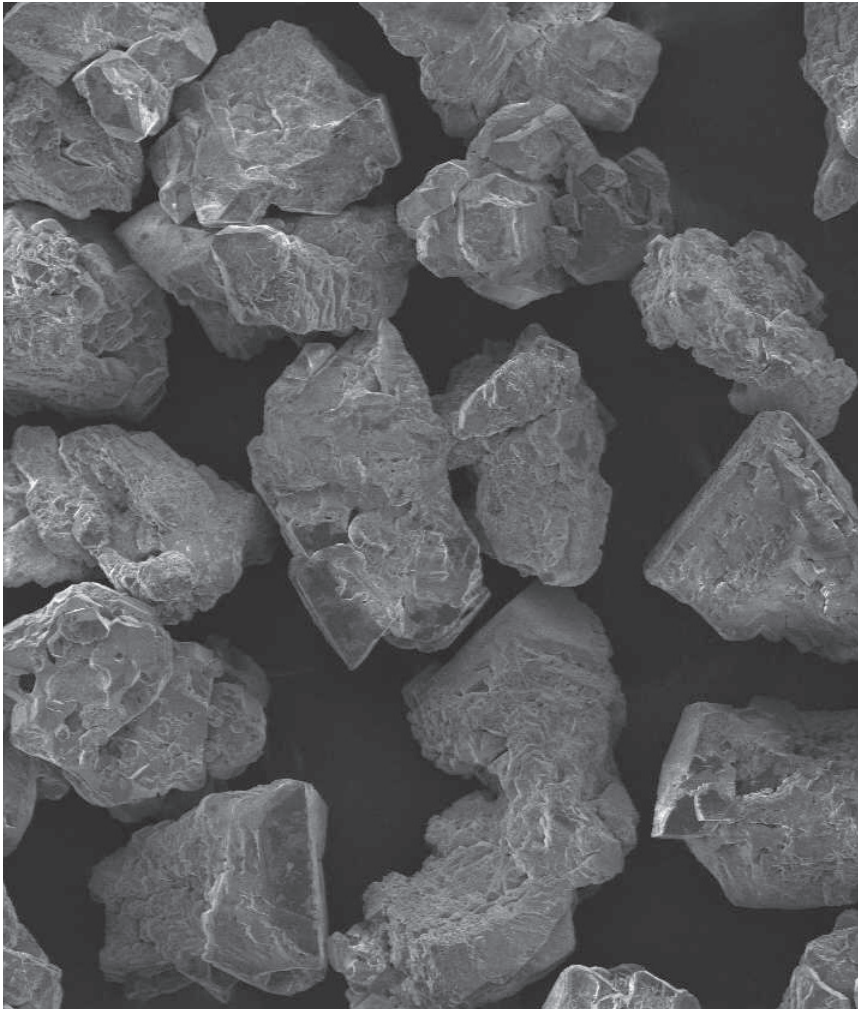


HYDRA is a high performance diamond grit made of self-sharpening and polycrystalline particles for high productivity and long tool life in demanding applications on difficult to grind materials. Its high friability makes HYDRA very suitable for the grinding of hardest tungsten carbides and ceramics. The unique micron scale layer crystal structure allows to achieve the 'HYDRA breakage' during the grinding application.



Properties

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

Applications

- ▶ tool, surface and high precision grinding
- ▶ hardest tungsten carbides.
- ▶ unique micron scale layer structure

Bonds

- ▶ hybrid
- ▶ vitrified
- ▶ 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
HYDRA	3.52	●	●	●	●	●	●	●	●	●	●	●
HYDRA N56	5.12	○	○	○	○	○	○	○	○	○	○	○