

Tuffy Ceramic bead is made from high purity Sapphire - Aluminium Oxide which is rated at over 9 on the MOHS scale of hardness. The ceramics beads have a very high density, extremely high crush resistance, and minimal inclusions of trapped air.

Properties	Value
Percentage of fines generated @10,000psi	0.7%
Specific gravity	3.56
Aluminium Oxide Content	83%
Solubility in 12/3 HCl/HF Acid [% weight loss]	Absolute Volume [gal/lb] 0.034

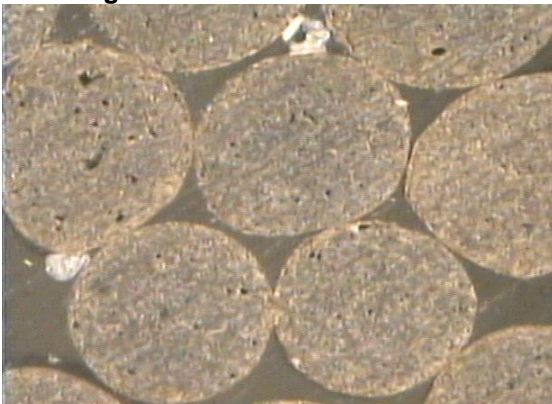
**Tuffy Enduro Ceramic Bead**

**20 x magnification**



The Tuffy bead shown here exhibits a high degree of Alumina consistency shown by the consistent colour.

**40 x magnification**



The Tuffy bead has a low percentage of trapped air ensuring longer wear life.

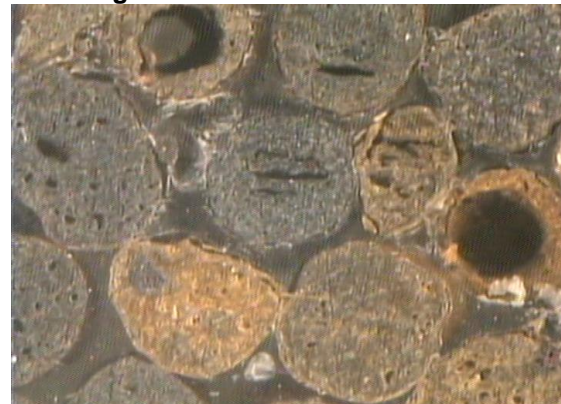
**Competitor Bead**

**20 x magnification**



Colour variation of this bead is characteristic of varying degrees of low alumina contents.

**40 x magnification**



High trapped air reduces wear life as shown in other products.