

## Technical Data & Physical Characteristics JETTEK® Garnet Abrasives

### MINERAL COMPOSITION

Garnet (Almandine) .....	85—95%
Ilmenite .....	1—2%
Amphibole/Pyroxene .....	4—8%
Non-Respirable Free Crystalline Silica .....	< 1%
Other .....	4—8%

### CHEMICAL COMPOSITION

Major Constituents Almandine Garnet.....	$\text{Fe}_3 \text{Al}_2 (\text{SiO}_4)_3$
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### PHYSICAL PROPERTIES

Specific Gravity.....	3.8—4.3 g/cm <sup>3</sup>
Hardness (Mohs).....	7.5—8.0

### OTHER CHARACTERISTICS

Conductivity .....	< 290 ms/cm
Radioactivity.....	Diffuse TENORM
Moisture Absorption .....	Non-hygroscopic
Weight Change on Ignition (%) .....	0.0 (Typical) (As per Mil-A22262B (SH) 4.5.6)
Chlorides.....	< 25 ppm
Free Crystalline Silica .....	< 1%
Respirable Free Quartz .....	< 0.1%

Garnet is a natural product; therefore, its chemical analysis will vary.

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