

## Technical Data & Physical Characteristics ALLTEK™ Garnet Abrasives

### MINERAL COMPOSITION

Garnet (Almandine).....	97–98%
Ilmenite .....	1–2%
Other .....	0.5–1%

### CHEMICAL COMPOSITION

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

### PHYSICAL PROPERTIES

Specific Gravity.....	4.1 g/cm <sup>3</sup>
Hardness (Mohs) .....	7.5–8.0

### OTHER CHARACTERISTICS

Conductivity.....	<18 ms/m
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.

2018-06