

Technical Data & Physical Characteristics FUSION[®] Abrasives

MINERAL COMPOSITION

Garnet (Almandine).....	45—55%
Staurolite.....	45—55%
Ilmenite.....	1—2%
Other	0.5—1%

CHEMICAL COMPOSITION

Almandine Garnet
Staurolite

PHYSICAL PROPERTIES

Specific Gravity	3.9 g/cm ³
Hardness (Mohs).....	7.0—7.5

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%