

Technical Data & Physical Characteristics ECOTEK® 80 STL Waterjet Abrasives

MINERAL COMPOSITION

Staurolite	70–100%
Titanium	1–6%
Kyanite	0.1–1%
Zircon	1–5%
Quartz	<1%

PHYSICAL PROPERTIES

Specific Gravity	3.6–3.85 g/cm ³
Hardness (Mohs).....	6.5–7.0

OTHER CHARACTERISTICS

Conductivity.....	<290 ms/cm
Radioactivity	Diffuse TENORM
Moisture Absorption.....	Non-hydroscopic
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% (Less than 1/10 of 1%)

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