

Technical Data & Physical Characteristics 80 STL ECOTEK® 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.....	<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% (Less than 1/10 of 1%)