

TTII COLORBRITE SpectraQuartz

With Antimicrobial

20-40 AND 30-50 MESH URETHANE COATED COLORED SAND SPECIFICATION AND TYPICAL % RETAINED EX OTTAWA, IL

Typical Physical for 20-40 & 30-50 Gradations	
Property	Results
Grain Shape	Rounded
Roundness (20-40)	0.8
Sphericity (20-40)	0.8
Roundness (30-50)	0.8
Sphericity (30-50)	0.7
Hardness	7.0 Moh
Specific Gravity	2.65
Bulk Density	102 - 104 lbs/ft3
Crush Resistance 20-40	7K
Crush Resistance 30-50	8K
Acid Solubility %	< 0.5%
Turbidity FTU	< 50
Moisture Content	< 0.04%
pH	7
SiO ₂	99.7%
Fe ₂ O ₃	0.016%
Al ₂ O ₃	0.055%
CaO	0.011%
LOI	< 0.07

20-40 Typical % Retained	
20	0
25	3.1
30	28.8
35	47.7
40	14.9
45	5.2
50	0.3
Pan	0

30-50 Typical % Retained	
20	0
30	13.1
40	73.9
50	12
60	0.9
70	0
100	0
Pan	0

Sand, coating and coloring process all
from same source

Proprietary Antimicrobial Additive