

# USGA Rootzone

### Key Benefits

- Natural, Washed, Unamended Rootzone Sand
- High Saturated Hydraulic Conductivity (Ksat)

### Applications

- Rootzone for golf greens and high-end athletic fields
- Greens topdressing

### Recommended Physical Properties

Physical Property	Recommended Range	USGA Rootzone Values
Total Porosity	35-55%	43.3%
Air-filled Porosity	15-30%	32.0%
Capillary Porosity	15-25%	11.3%
Organic Matter		0%
Bulk Density		1.52 g/cm <sup>3</sup>
Particle Density		2.68 g/cm <sup>3</sup>
Saturated Hydraulic Conductivity	Minimum of 6 in/hr	41.8 in/hr

### Particle Size Distribution

Mesh Size	Typical Analysis % Retained	USGA Recommendation % Retained
#4	0.0	0
#10	1.4	0-3
#18	5.8	opt
#10 & #18	7.2	0-10
#35	26.7	opt opt
#60	45.9	60-100
#35 & #60	72.6	
#100	15.9	0-20
#270	3.8	0-5

