



Industrial Sand

Why Ricci:

- Available in a variety of precise grain sizes; epoxy, floors, cement, & asphalt
- Quality control program assures consistent and repeatable grain size
- Top dressing or underlayment for artificial putting greens and practice areas
- Packaged in 100 lb. bags, 50 lb. bags, or 3000 lb. bulk sacks. Also available in bulk dump truck, triaxle, or by rail

Common Gradations - wt % Passing

ASTM E11 Sieve#	mm. Open	In. Open	Stock OOO SS1	P40	OO	OON	Stock O SS3	1	2	3	4
4	4.75	0.188								100	99
6	3.35	0.132							100	99	50
8	2.36	0.094						100	95	55	10
10	1.70	0.067		100			100	95	55	5	1
16	1.18	0.045		95		100	99	45	10	1	
20	0.85	0.033		80	100	99	50	5	1		
30	0.60	0.023	100	60	95	35	5	1			
40	0.42	0.016	95	35	40	5	1				
50	0.30	0.012	75	10	5	1					
60	0.25	0.010	45	5	2						
70	0.21	0.008	30	2	1						
100	0.15	0.006	5	1							

Example Uses

- Filler sands with controlled grain size distributions for epoxy, flooring, cement and asphalt
- ASTM C144, C404, C897 mortar sands
- Pipe and foundry sands
- Reactor and geothermal sands
- Can batch blend to match virtually any particle size distribution

Other Properties

Specific gravity (ASTM C128): >2.50

Acid Solubility (AWWA B100): < 5%

Hardness (Mohs Scale): 6-8

Sphericity and Roundness (API RP56): 0.6

Sodium Soundness (ASTM C88): <15%

Test for Clay (ASTM C40 or C117): plate 1 and 2

Unit Weight and Voids (ASTM C29): 100 lb/cu ft

Chemical Analysis: SiO₂: 98-99; Al₂O₃: 0.03-0.3, Fe₂O₃: 0.03-0.3, Na₂O, K₂O, TiO₂, MnO₂, MgO: to 0.05.