

# SAND AND GRAVEL INDUSTRIAL GRADES

AGGREGATE

INDUSTRIAL

**MANUFACTURER:**

Ace-Crete/New Jersey Pulverizing  
4 Rita Street • Syosset, NY 11791  
(516) 921-9595 • Fax (516) 921-9575

**PRODUCT DESCRIPTION:**

Our high purity, high silica, sands and gravels are a natural product of the Ice Age. The sand is subangular and comes in many grades, meeting different specification standards and ASTM designations.

**USES:**

Sand urns, roofing, sandboxes, epoxies, sculpture masonry, under pools, paints, traction and many other uses too numerous to mention.

**Coverage:**

100 pounds of sand is approximately 1 cubic foot, 1' x 1' x 1'.

**Packaging:**

Available in 100, 80 and 50 pound multi-wall paper bags.

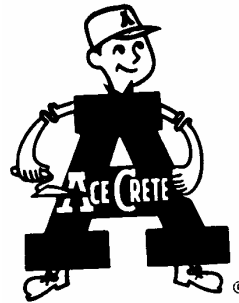
**Color:**

All our sands and gravels are a light yellowish-tan color except for the White Sand.

**TECHNICAL DATA:**

Different grades meet various ASTM standards, including ASTM C-33 and ASTM C-144

Moh Hardness.....	7
Specific Gravity.....	2.54 to 2.71
Acid Solubility.....	0.08 to 0.11



Typical Chemical Analysis:

SiO <sub>2</sub> .....	98.93	CaO .....	0.02
Fe <sub>2</sub> O <sub>3</sub> .....	0.54	MgO.....	0.01
Al <sub>2</sub> O <sub>3</sub> .....	0.41	Sulfate .....	
.....	trace		
TiO <sub>2</sub> .....	0.09	L.O.I.....	0.11

**CAUTION:**

Sand CAS # 14808-60-7. Avoid breathing dust. Prolonged exposure to dust may cause Silicosis or Scleroderma. Crystalline Silica has been classified by IARC and NPT as a carcinogen. Wear NOSH approved mask for silica dust. **Keep Out Of Reach Of Children.**

**WARRANTY:**

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Ace-Crete/New Jersey Pulverizing Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.

ACE-CRETE/NEW JERSEY PULVERIZING COMPANY  
TYPICAL SCREEN SPECIFICATIONS  
EXPRESSED IN MEAN % RETAINED INDIVIDUAL SIEVE

GRADES

ASTM-11 SIEVE NO.	WHITE SAND	100	0	$\frac{1}{4}$	$\frac{1}{2}$	1	2
12	---	---	---	---	---	0-10	40-60
20	---	---	---	---	20-40	70-90	40-60
30	0-1	---	0-10	5-20	45-65	5-25	0-5
40	0-5	0-10	10-30	15-35	5-25	0-5	---
50	30-35	10-25	15-35	25-45	0-10	---	---
70	40-45	25-45	15-35	10-25	---	---	---
100	20-25	25-45	10-25	5-20	---	---	---
140	0-5	10-25	5-15	0-5	---	---	---
200	---	0-5	0-5	---	---	---	---
PAN	---	0-5	0-5	---	---	---	---

NONE OF THESE SANDS SHOULD BE SOLD OR USED FOR SANDBLASTING DUE TO THE POSSIBLE DANGERS INVOLVED. IF BLASTING MEDIA IS REQUIRED, WE RECOMMEND BLACK BEAUTY AVAILABLE IN FINE OR MEDIUM

MASON SAND CONFORMS TO ASTM C-144 AND NYS DOT STANDARD SPECIFICATION #703-03 FOR MORTAR SAND	" GRAVEL MEAN % RETAINED		CHILD HEALTH SAND CONFORMS TO ASTM C-144
	1"	0	BLACK BEAUTY CONFORMS TO U.S. NAVY MILL SPEC S22262
$\frac{1}{2}$ "	3.0		
ALL PURPOSE SAND CONFORMS TO ASTM C-33 AND NYS DOT STANDARD #703-07 SPECIFICATION FOR CONCRETE SAND	$\frac{1}{4}$ "	83.0	TRACTION GRIT - A COARSE, SHARP, SUBANGULAR SAND TO GET YOUR CAR MOVING AND TO HELP PREVENT SLIPPING ON SIDEWALKS
	#4	10.0	
	#6	4.0	