

Optimized Sand Control For Maximum Production

ACCUPACK® Gravel Packing Sands are produced from naturally occurring monocrystalline industrial quartz of exceptional purity and structural integrity. These durable grains will not degrade during handling or pumping, will not segregate during placement and are inert and nonreactive in the downhole environment.

Superior performance as a gravel pack can be attributed to the extensive processing and rescreening which optimizes the uniformity coefficient. ACCUPACK® offers excellent formation bridging and retained uniform permeability without plugging or channeling under back flow pressure. ACCUPACK® performs at significant depths and temperature gradients without crushing, compacting or chemically degrading to minimize formation fines from the permeable zone while maintaining flow velocity and production efficiency.

Mesh Size		Particle Size Analysis						
ASTM	Microns	12/20	16/30	20/40	30/40	30/50	40/60	50/70
12	1,700	0.3	---	---	---	---	---	---
16	1,180	43.7	2.1	---	---	---	---	---
18	1,000	30.9	17.0	---	---	---	---	---
20	850	22.2	49.0	1.3	---	---	---	---
25	710	---	31.0	21.6	---	---	---	---
30	600	2.6	0.8	41.4	0.7	0.3	---	---
35	500	---	---	28.3	68.3	11.3	---	---
40	425	---	0.1	7.1	29.6	50.6	1.5	---
45	355	---	---	---	1.2	30.5	28.3	2.5
50	300	---	---	1.3	0.2	5.5	50.8	67.6
60	250	---	---	---	---	---	18.5	28.3
70	212	---	---	---	---	1.5	0.8	1.6
PAN	PAN	0.3	---	---	---	0.3	0.1	---

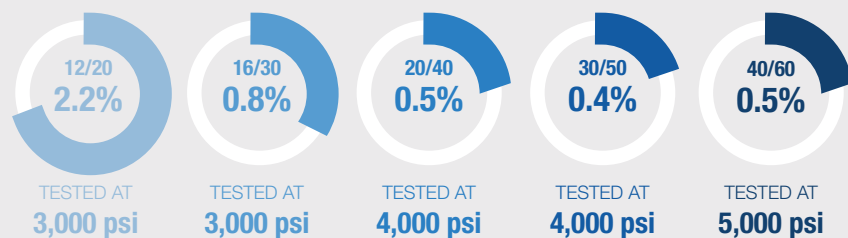
Mean Values. These Do Not Represent A Specification.

Typical Mean % Retained on Individual Sieves

Physical Properties (API RP 19C)
Mean Values. These Do Not Represent A Specification.

	12/20	16/30	20/40	30/40	30/50	40/60	50/70
Roundness	0.8	0.8	0.8	0.7	0.7	0.7	0.8
Sphericity	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Acid Solubility (wt %)	<1.3	<1.0	<0.75	<0.75	<0.75	<0.75	<0.75
Turbidity (FTU)	<175	<100	<100	<100	<100	<100	<100
Specific Gravity	2.65	2.65	2.65	2.65	2.65	2.65	2.65
Bulk Density (lb/ft ³)	95	95	95	95	95	94	94
Silicon Dioxide (SiO ₂ %)	>99.7%	>99.7%	>99.7%	>99.7%	>99.7%	>99.7%	>99.7%

Crush Resistance - % Fines Generated



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HEALTH HAZARD WARNING: Prolonged inhalation of dust associated with the materials described in this data sheet can cause delayed lung injury including Silicosis, a progressive, disabling and sometimes fatal lung disease. IARC and NTP have determined that crystalline silica can cause lung cancer in humans. Risk of injury is dependent on the duration and level of exposure. Follow OSHA or other relevant safety and health standards for the form of crystalline silica called Quartz. Current safety data sheet, containing safety information, is available and should be consulted before usage.