

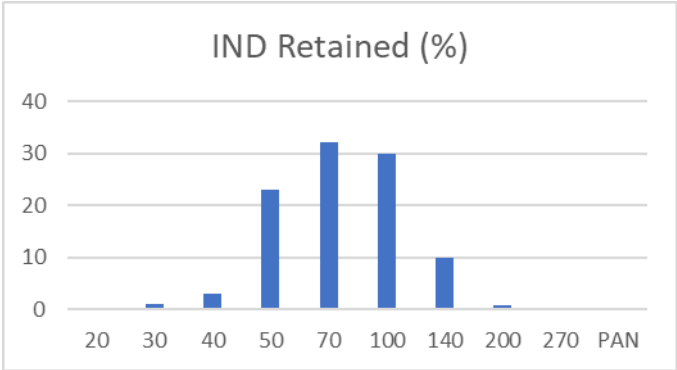


# PRODUCT DATA

## PTX-60F

**UNGROUND SILICA**

PLANT: Brady, Texas



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		
MESH	MILLIMETERS	INDIVIDUAL	CUMULATIVE	
20	0.850	0.0	0.0	
30	0.600	0.5	1.0	
40	0.425	3.0	4.0	
50	0.300	23.0	27.0	
70	0.212	32.0	59.0	
100	0.150	30.0	89.0	
140	0.106	10.0	99.0	
200	0.075	1.5	99.8	
270	0.053	<0.5	100.0	
PAN		0.0		

### TYPICAL PHYSICAL PROPERTIES

AFS<sup>(1)</sup> GRAIN FINENESS ..... 60  
 GRAIN SHAPE..... SUBANGULAR  
 HARDNESS (Mohs) ..... 7  
 MELTING POINT (Degrees F).....3100

MINERAL ..... QUARTZ  
 pH..... 7.5  
 SPECIFIC GRAVITY..... 2.65

(1) AMERICAN FOUNDRYMEN'S SOCIETY

### TYPICAL CHEMICAL ANALYSIS, %

SiO<sub>2</sub> (SILICON DIOXIDE) ..... 98.8  
 Fe<sub>2</sub>O<sub>3</sub> (IRON OXIDE)..... 0.07  
 Al<sub>2</sub>O<sub>3</sub> (ALUMINUM OXIDE)..... 0.52  
 TiO<sub>2</sub> (TITANIUM DIOXIDE) ..... 0.05  
 CaO (CALCIUM OXIDE)..... 0.00

Na<sub>2</sub>O (SODIUM OXIDE)..... 0.04  
 K<sub>2</sub>O (POTASSIUM OXIDE) ..... 0.52  
 LOI (LOSS ON IGNITION) .....0.096  
 ADV (Acid Demand Value) ..... 1.20

October 13, 2021

**DISCLAIMER:** The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. P.W Gillibrand Co. makes no representation or warranty concerning the Products, expressed or implied, by this Product Data Sheet.

**WARNING:** The product contains crystalline silica - quartz, which can cause silicosis (an occupational lung disease) and lung cancer. **For detailed information on the potential health effect of crystalline silica - quartz, see the PW Gillibrand of Texas MSDS Sheet.**