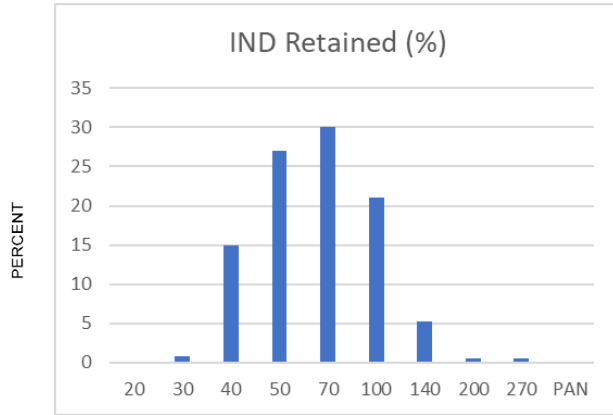




PRODUCT DATA

PTX-50F
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	< 1.5	0.0	
40	0.425	15.0	1.0	
50	0.300	27.0	15.1	
70	0.212	30.0	56.7	
100	0.150	21.0	90.7	
140	0.106	5.0	98.7	
200	0.075	<1.0	99.9	
270	0.053	<0.5	100.0	
PAN		0.0		

TYPICAL PHYSICAL PROPERTIES

AFS⁽¹⁾ GRAIN FINENESS 51
 GRAIN SHAPE..... SUBANGULAR
 HARDNESS (Mohs) 7
 MELTING POINT (Degrees F).....3100

MINERAL QUARTZ
 pH..... 7.2
 SPECIFIC GRAVITY..... 2.65

(1) AMERICAN FOUNDRYMEN'S SOCIETY

TYPICAL CHEMICAL ANALYSIS, %

SiO₂ (SILICON DIOXIDE) 98.8
 Fe₂O₃ (IRON OXIDE)..... 0.07
 Al₂O₃ (ALUMINUM OXIDE)..... 0.52
 TiO₂ (TITANIUM DIOXIDE) 0.05
 CaO (CALCIUM OXIDE)..... 0.00

Na₂O (SODIUM OXIDE)..... 0.04
 K₂O (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.**