



## FilPro Gravel and NJ Series Sand

### Opta Minerals your source for Blast Cleaning Abrasives:

- Crushed Glass
- FilPro Filtration Sand and Gravel
- FilPro Gravel and NJ Series Sand
- Galaxy Garnet
- International Garnet
- Temisca Filtration Sand

### Contact Us

Our sales team is ready to help you to determine the right product for your job.  
 For more information please call us:  
 Toll-free: 888-689-6661  
 Tel: 519-720-9694  
 E-mail: [info@optaminerals.com](mailto:info@optaminerals.com)  
 Visit: [www.optaminerals.com](http://www.optaminerals.com)

**FilPro Filter Gravel** is a hard, whole grain crystalline silica. They are both durable and dense, making the resistant to degradation during handling, backwashing and extended use.

All FilPro grades are washed and screened under rigid SPS and quality assurance controls. The result is chemical purity and consistent size distribution designed to meet AWWA B-100 and ANSI/NSF 61 standards.

FilPro Filter Gravel is suitable for use in both pressure and gravity type filters and are employed in municipal potable and wastewater filtration and various industrial processes and make-up water applications.

### ADVANTAGES OF FILPRO GRAVEL AND NJ SERIES SAND



- Meets AWWAB-100 and ANSI/NSF 81 standards

### FILPRO GRAVEL AND NJ SERIES SAND SPECIFICATIONS

		3/8 x 3/16	1/4 x 1/8	3/16 x 10	1/8 x 1/16	NJ 4	NJ 3	NJ 2	NJ 1	NJ 00N
Mesh	mm	typical mean % retained								
5/8"										
1/2"		0.0								
3/8"		0.7	0.0							
1/4#		78.0	2.8	0.0		0.0				
#4	4.760	17.5	49.2	2.0	0.0	3.0	0.0	0.0		
#6	3.350		42.4	55.6	2.0	40.0				
#8	2.830			32.8	44.5	50.0	50.0	3.0	0.0	
#10	2.000			5.1	33.1					
#12	1.680				14.4	6.0	43.0	47.0	5.0	
#16	1.190						6.0	44.0	61.0	
#20	0.840							4.0	31.0	0.0
#30	0.600							1.0	2.0	45.0
#40	0.420									52.0
#50	0.300									3.0
#70	0.212									
#100	0.150									
#140	0.106									
PAN		3.8	5.6	4.4	6.0	1.0	1.0	1.0	1.0	0.0

## TECHNICAL SPECIFICATIONS

Symbol	Name	Percentage
SiO <sub>2</sub>	(Silicon Dioxide)	99.70%
Al <sub>2</sub> O <sub>3</sub>	(Aluminum Oxide)	0.14%
Fe <sub>2</sub> O <sub>3</sub>	(Iron Oxide)	0.05%
K <sub>2</sub> O	(Potassium Oxide)	0.04%
Na <sub>2</sub> O	(Natrium Oxide)	0.014%

## CHARACTERISTICS

	3/8x3/16	1/4x1/8	3/16x10	1/8x1/16	
Colour	Beige	Beige	Beige	Beige	
AFS-GFN	-	-	-	-	

	NJ 4	NJ 3	NJ 2	NJ 1	NJ 00N
Colour	Beige	Beige	Beige	Beige	Beige
AFS-GFN	4.0	5.0	8.0	10.0	26.0

Mineral	Quartz
Solubility	Insoluble
Specific Gravity	2.55 - 2.70
Bulk Density (aerated)	95-98 lbs./ft. <sup>3</sup>
Grain Shape	Sub-angular
Hardness	7 Mohs

## CHARACTERISTICS

## PACKAGING

55 lb paper bags, 2200 lb paper bags/pallet  
3000 lb Super Sacs

**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 our MSDS.

**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 specification. Opta Minerals makes no representation or warranty concerning the Products, expressed or implied, by the Product Data Sheet