

## PETRA BUILD CARE PRODUCTS

Reg. Office : 16, Doctor House, Kalanala, Bhavnagar - 364 001. Phone / Fax : + 91 - 278 - 2425804, Cell: + 91 - 9825836406

# FILLIT 300 S: Technical Data Sheet

## FILLIT 300 S : Chemical composition (%):

SiO <sub>2</sub> = 55 to 58	CaO > 2
Al <sub>2</sub> O <sub>3</sub> > 35	K <sub>2</sub> O > 1
Fe <sub>2</sub> O <sub>3</sub> < 2	loss < 1
MgO < 1	

## FILLIT 300 S : Physical properties:

Particle Size (um) : 10-300 microns  
Particle Density (g/cm<sup>3</sup>) : 0.6-0.7 g/cc  
Bulk Density (g/cm<sup>3</sup>) : 0.26-0.45 g/cc  
Moisture : <0.5%  
Sinkers : <3%  
Hardness Mohs Scale : 5-7  
Loss on Ignition : 2% maximum  
Thermal Conductivity : 0.11 W/mK  
Reactivity : Inert/very low reactivity  
Crush Strength : 105-210 kg/cm<sup>2</sup> (1500 - 3000 psi)  
Oil Absorption : 16-18g oil/100g  
Flammability : Not combustible  
Melting point : 1500oC approx.  
Solubility Negligible in water

## FILLIT 300 S : Particle size distribution

Size in Micron	Percentage retaining on screen
300	0.01
200	4.5
75	82.2
-75	13.3

Note: Above all figures are approximate & may change as per raw material procurement. This figures do not show 100% accuracy.

