

PETRA BUILD CARE PRODUCTS

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

Petra FILLIT 400(S) Technical Data Sheet

Petra FILLIT 400(S) : Chemical composition (%):

SiO ₂ > 55	CaO > 2
Al ₂ O ₃ > 31	K ₂ O > 1
Fe ₂ O ₃ < 3	loss < 1
MgO < 1	

Petra FILLIT 400(S) : Physical properties

Particle Size (um) : 5-400 microns
Particle Density (g/cm³) : 0.6-0.7 g/cc
Bulk Density (g/cm³) : 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/cm² (1500 - 3000 psi)
Oil Absorption : 16-18g oil/100g
Flammability : Not combustible
Melting point : 1500oC approx.
Solubility Negligible in water

Petra FILLIT 400(S) : Particle size distribution

Size in Micron	Percentage retaining on screen
400	0.01
300	4.3
200	4.5
75	77.9
-75	13.3

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