

PETRA BUILD CARE PRODUCTS

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Petra FILLIT 150(W): Technical Data Sheet

Petra FILLIT 150(W) : 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 150(W) : Physical properties

Particle Size (um) : 5-150 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

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