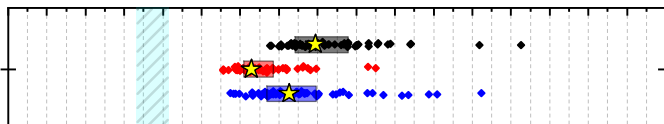


Freezing Temperature (°C)

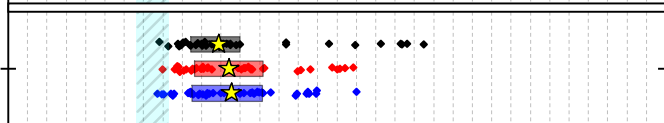
-34 -32 -30 -28 -26 -24 -22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0

Fluka Kaolinite *

*

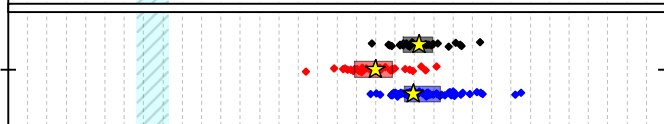
 $T_{50} = -18.1\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{wet}} = -3.3\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{dry}} = -1.3\text{ }^{\circ}\text{C}$

KGa-1b Kaolinite

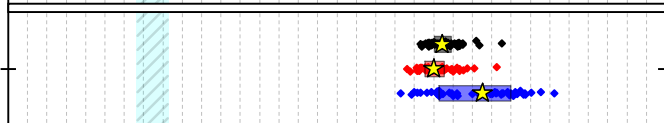
 $T_{50} = -23.1\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{wet}} = -0.4\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{dry}} = +1.0\text{ }^{\circ}\text{C}$

SWy-2 Montmorillonite *

*

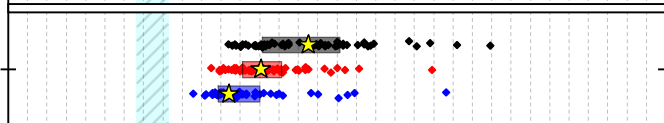
 $T_{50} = -12.7\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{wet}} = -2.2\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{dry}} = -0.3\text{ }^{\circ}\text{C}$

Sigma Montmorillonite

 $T_{50} = -11.5\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{wet}} = -0.5\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{dry}} = +2.1\text{ }^{\circ}\text{C}$

Chlorite *

*

 $T_{50} = -18.5\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{wet}} = -2.4\text{ }^{\circ}\text{C}$ $\Delta T_{50}^{\text{dry}} = -4.0\text{ }^{\circ}\text{C}$

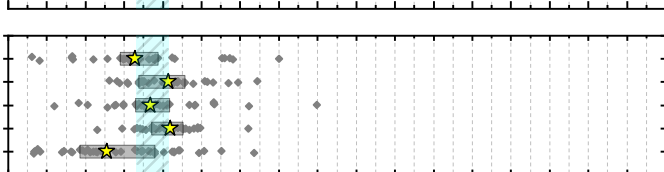
Blank test #1

Blank test #2

Blank test #3

Wet heat handling blank

Dry heat handling blank



■ Non heated

■ Wet heated (95 °C for 30 min)

■ Dry heated (250 °C for 30 min)

 T_{50} ★