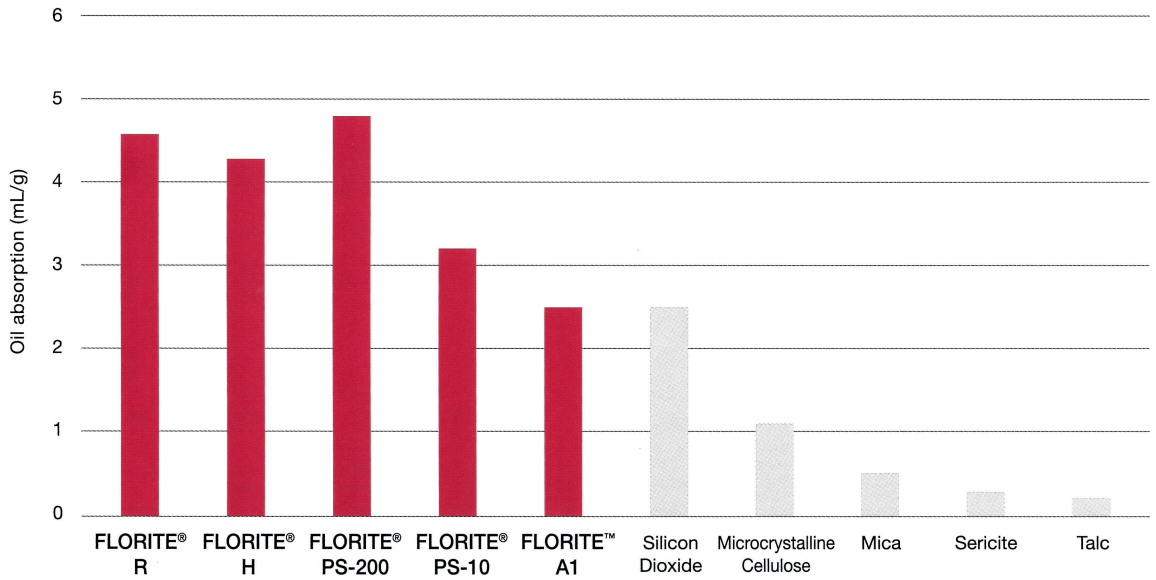
Liquid Absorbency

Unlike the pore structure of any other porous material, FLORITE®'s unique petaloid crystal structure* forms macropores with a large volume within the particle. These macropores are the key factor for the absorbing capacity. FLORITE® has the ability to absorb and retain an amount of liquid which is approximately five times** its own weight. The macropores develop deeply in the vertical direction, and thus the openings of these pores have small areas compared to their volumes. This protects the liquid in the pores from being affected by oxygen, vapor or other elements in the external environment.

< Oil absorbing capacity of FLORITE® in comparison with other materials >



FLORITE® has the ability to absorb and retain an amount of liquid which is approximately five times its own weight.**

*FLORITE® PS-10 and FLORITE™ A1 have different structures.
**It differs depending on the item.