

## Meniscus unconfined compression test

1. Measures were taken to not soak the sample during the prep so as to avoid swelling.
2. All the protocols were already updated before sample was placed in chamber in PBS.
3. Indentor was manually brought as close to the sample as possible without touching it to avoid resting in PBS for too long.
4. Excess PBS was dabbed out of paper towel before wrapping sample in it for storage.
5. Sample kept covered in damp (not soaked) paper towel when not in chamber to prevent drying.
6. Flat section on meniscus was first prepared and a 5mm by 5mm rectangular sample was prepared manually.
6. Protocol: 1000 preconditioning cycles (10-15 % strain) with 15% strain ramp load-unload. 5-10-15 % strain stress relaxation (with 30 min wait). Contact with 10g force before preconditioning and stress relaxation.

oks00TR6-MNS-LPXX-01-01: thickness: 2.228 mm. positions: 57.6655, 57.7355.

oks00TR6-MNS-LPXX-01-02: thickness: 2.332 mm. positions: 39.42, 39.5045.

oks00TR6-MNS-LPXX-01-03: thickness: 2.370 mm. positions: 92.1345, 92.236.

oks00TR6-MNS-LPXX-01-04: thickness: 2.314 mm. positions: 42.0545, 42.1675.

oks00TR6-MNS-LPXX-01-05: thickness: 2.35 mm. positions: 37.3815,37.5105

