

# Flexa Black

## Mechanical properties

### Shore hardness

Test was taken using a durometer type A and type D scales.

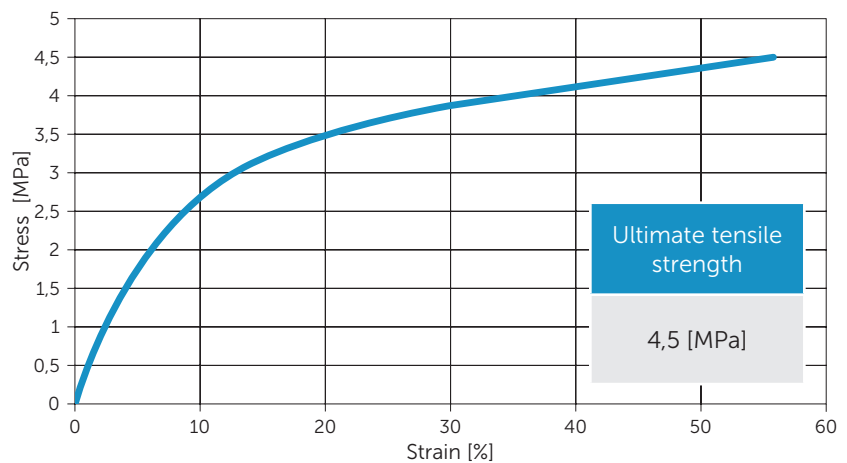
Type	Shore hardness type A scale	Shore hardness type D scale
More Rigid	90	40
More Flexible	80	30



### Tensile testing

While the tensile stress does not exceed 1,4 [MPa], after load release, the test specimens retain their shape, with no external damage observed (e.g. fractures).

The test specimens fracture when a max tensile stress of 4,5 [MPa] is applied.



### Compression testing

While the compressive stress does not exceed 12 [MPa], after load release, the test specimens retain their shape, with no external damage observed (e.g. fractures).

