

**Erkodur**, for aligners since years proven, crystal clear, impact resistant, comparatively hard, good shape memory.

Technical data (~):  
 Density 1.27 g/cm<sup>3</sup>  
 modulus of elasticity 2200 MPa  
 Elongation at break 40 %  
 Flexural strength 69 MPa  
 Water absorption 0.2 %  
 Temperature resistance 63 °C

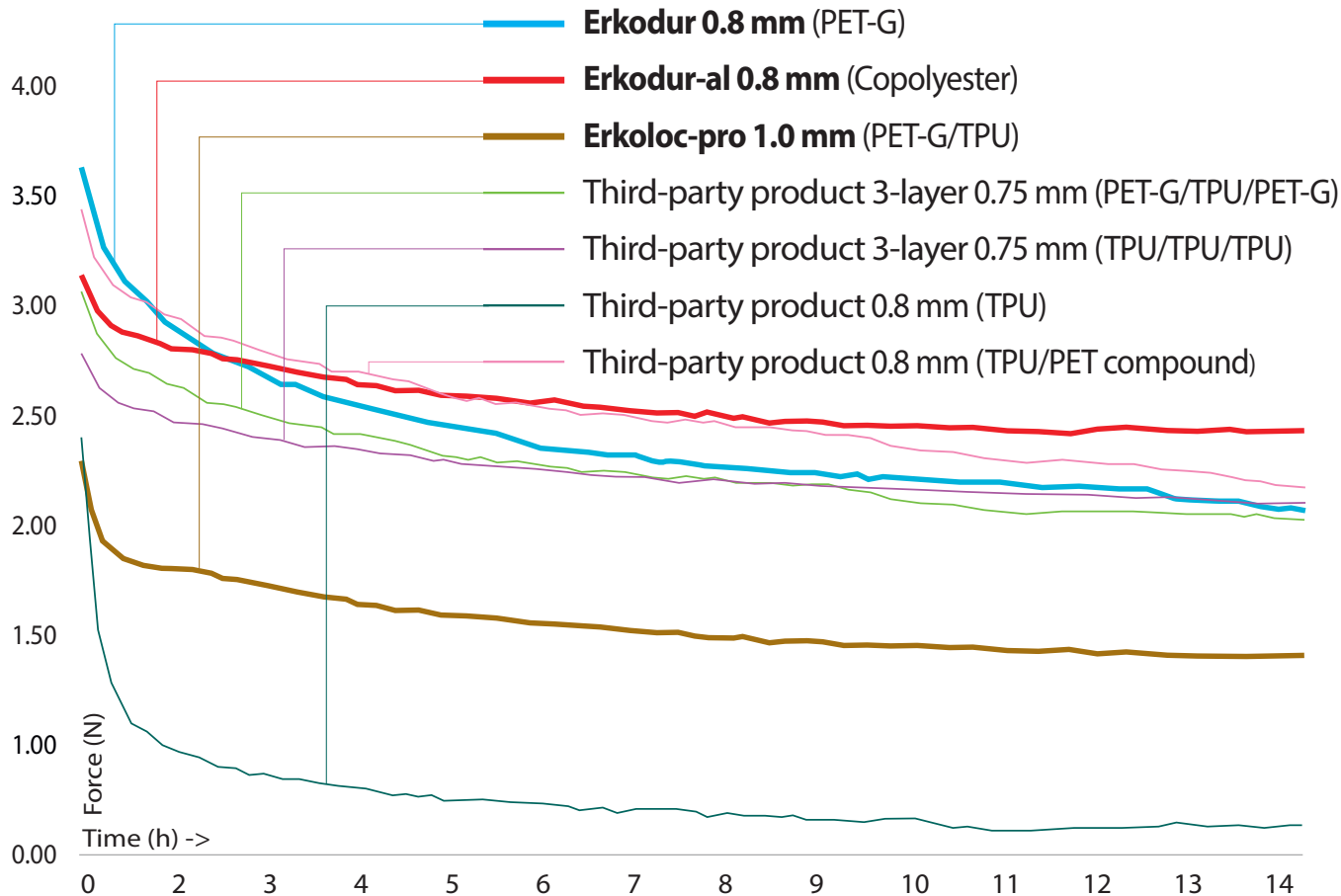
**Erkodur-al**, material optimized for the aligner production, crystal clear, viscoplastic, very fracture resistant, excellent shape memory.

Technical data (~):  
 Density 1.19 g/cm<sup>3</sup>  
 modulus of elasticity 1462 MPa  
 Elongation at break 179 %  
 Flexural strength 59 MPa,  
 water absorption 0.5 %  
 Temperature resistance 85 °C

**Erkoloc-pro**, very comfortable two-layer aligner material, hard/soft, clear, impact resistant, very good shape memory.

Technical data (~), PETG/TPU:  
 Density 1.27/1.12 g/cm<sup>3</sup>  
 modulus of elasticity 2200/27 MPa  
 Elongation at break 40/590  
 Flexural strength 69/- MPa  
 Water absorption 0.2 %  
 Temperature resistance 63 °C

Long-term force loss: Ametek, LS1 tension and compression force gauge/Material analyses, Thermo Fisher Scientific Nicolet iN10 microscope



Long-term force loss, starting from initial force development.

