- **Hardness test**

  The hardness of a material is characterized for the resistance to be deformed, local or permanent by a hard body (indenter) with a specific geometry. Its value depends on the elastic modulus and viscoelastic properties of the material. The hardness test, the most common in polymer materials is carried out with a INNOVATEST Shore D Durometer and an indenter with truncated cone geometry of 30 ° is used.