Mechanical tests on plastics – drop tester

Technical data

Device Measuring principle Drop height Energy range Impact speed Drop weight Special configuration INSTRON - CEAST 9340 Drop tester for biaxial impact tests 30 to 1100 mm max. 405 J 0.77 to 4.5 m/s max. 37.5 kg Instrumented drop bolt (up to 22kN) Pneumatic anti-rebound device

Areas of use / applications

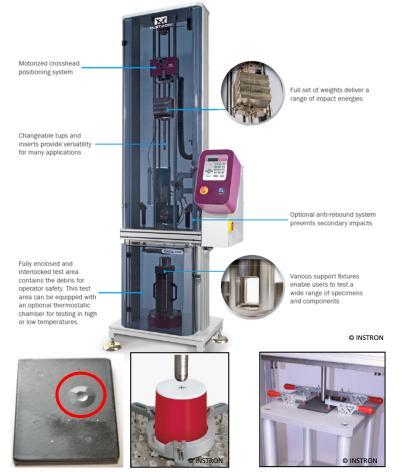
Determination of mechanical properties of polymer materials such as plastics, coating systems of composite fibre components or samples.

Investigation of the following procedures:

- Instrumented impact and penetration testing
- Compression After Impact (CAI)

Instrumented test results/specific values:

- Force
- Impact energy
- Deformation
- Speed vs time



Impact test on coatings and components

Compression After Impact (CAI) Test

