



Tribology

WEAR AND FRICTION OF POLYMERIC MATERIALS

KEY WORDS

WEAR,
FRICTION,
TRIBOLOGY

DESCRIPTION

The processes of wear and friction can be analyzed by different techniques. Some of them have standard procedures and others use devices made specifically to try to reproduce particular application's conditions.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

Universal Testing machine for dynamic and static Coefficient of Friction (COF)
Access to block-on-ring tribometer, pin-on-disc tribometer, slurry abrasion tester

APPLICATIONS

Polymers
Elastomers
Polymer nanocomposites
Performance comparison under wear and friction

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