

ASTM Application Notes

No.	Standard	CETR Application Notes
1.	ASTM E10-01 ASTM E92-03 ASTM E384-99 ASTM E18-05 ISO 14577-1/02	Micro and Nano Hardness Measurements on UMT Testers
2.	DIN 53513	Standard Test Method for Determination of Viscoelastic Properties of Elastomers Using the Micro-Tribometer UMT-2 DIN 53513
3.	ASTM D6425-99	Standard test Method for Measuring Friction and wear Properties of Extreme Pressure (EP) Lubricating Oils Using the Micro-Tribometer mod. UMT-2 ASTM D6425-99
4.	ASTM D3702-94	Standard Test for Wear Rate and Coefficient of Friction of Materials in Self-Lubricating Rubbing Contact with a Thrust Washer Using the Micro-Tribometer mod. UMT-2 ASTM D3702-94 (reapproved 1999)
5.	ASTM D2981-94 and ASTM D3704-96	Block-on-Oscillating Ring Test Using Micro-Tribometer on mod. UMT ASTM D2981-94 (reapproved 1998) and ASTM D3704-96 (reapproved 2001). Standard Test Method for Wear Properties of Solid Lubricants and Greases in Oscillating Motion.
6.	ASTM F732-82	Evaluation of Friction and Wear Properties of Polymeric Materials for Use in Total Joint Prostheses Using Micro-Tribometer mod. UMT-2 ASTM F732-82 (reapproved 1991)
7.	ASTM G75-95	Determination of Slurry Abrasivity (Miller Number) and Slurry Abrasion Response of Materials (SAR Number) Using Micro-Tribometer mod. UMT ASTM G75-95
8.	ASTM G77-98	Standard Test Method for Ranking Resistance of Materials to Sliding Wear in Block-on-Ring Wear Test Using Micro-Tribometer UMT-2 ASTM G77-98
9.	ASTM G83-96	Cross-Cylinder Test Using Micro-Tribometer mod. UMT ASTM G83-96. Standard Test Method for Ranking Metallic Pairs in their Resistance to Sliding wear.
10.	ASTM G99-95	Pin on Disk Sliding Wear Using the Micro-Tribometer mod. UMT ASTM G99-95. Test method for determining the wear of materials during sliding using the UMT in a pin-on-disk configuration.
11.	ASTM G132-96	Pin Abrasion Testing Using the Micro-Tribometer mod. UMT-2 ASTM G132-96. Test method for determining the wear resistance of a pin of test material during sliding on an abrasive cloth, paper or plastic film using the UMT in a pin-on-disk configuration, pin-on-drum configuration, and pin-on-flat (x-y) configuration.
12.	ASTM G133-95	Ball on Flat Sliding Wear Test Using the Micro-Tribometer UMT ASTM G133-95 (reapproved 2002). Standard test method for determining the sliding wear of ceramics, metals and other wear-resistant materials using the linear reciprocating ball-on-flat geometry
13.	ASTM G137-97	Standard Test Method for Ranking Resistance of Plastic Materials to Sliding Wear in a Block-on Ring Configuration Using Micro-Tribometer mod. UMT-2 ASTM G137-97
14.	ASTM G143-96	Standard Test for Measuring of Web/Roller Friction Characteristics Using the Micro-Tribometer mod. UMT-2 ASTM G143-96
15.	ASTM G171-03	Standard Test Method for Scratch Hardness of Materials Using a Diamond Stylus on the Micro-Tribometer mod. UMT-2 ASTM G171-03
16.	ASTM G176-03	Standard Test Method for Ranking Resistance of Plastics to Sliding Wear in Block-on-Ring Wear Test (Cumulative Wear Method) Using Micro-Tribometer mod. UMT-2 ASTM G176-03

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