

Application Note

TENSILE, COMPRESSION, IMPACT, MELT FLOW, BRINELL, SHEAR, STRETCH RECOVERY, PUNCTURE, HEAT DISTORTION (VICAT), BEND/FLEXURE, SEAM STRENGTH, TORSION

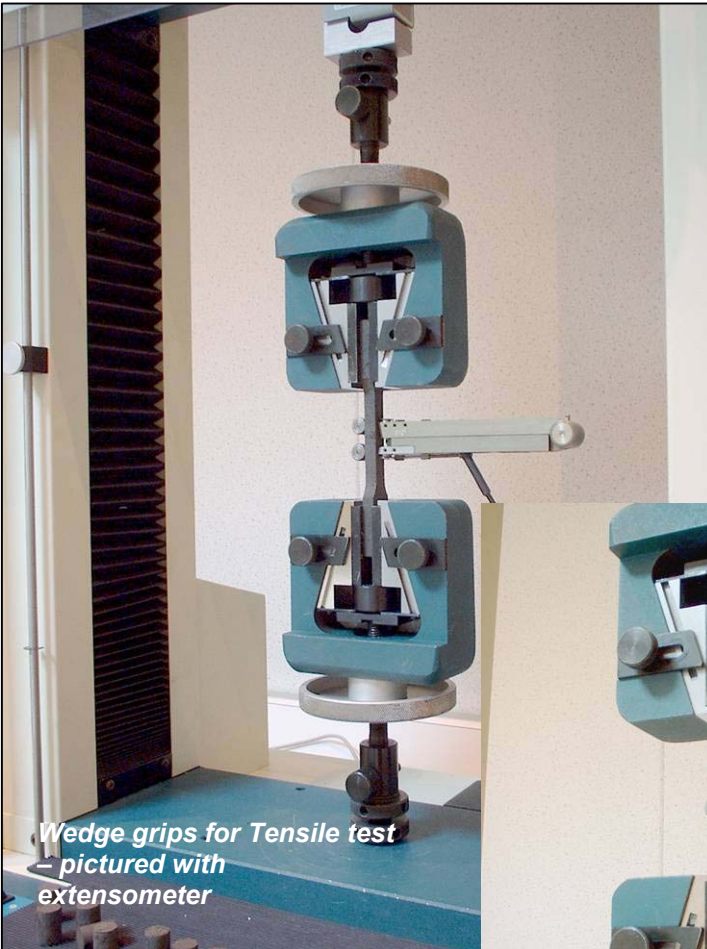
Escort Red – Brake Lining

Samples were received via AIMIL Ltd in India, each sample was marked with sample references, which can be found on the test reports. Some of the tensile dumbbells were damaged in transit and therefore could not be tested. Otherwise all samples were tested and some of the results reported on the following pages.

Recommended System for discussion;

- H10KS or H10KT
- 10KN Loadcell
- HW20 wedge grips *with flat serrated faces*
- HC64 (1/2 set) *for use as top platen*
- HC68 (1/2 set) *for use as bottom platen*
- LVDT (20mm displacement)
- Epsilon extensometer *50mm gauge length*
- Data Analysis (QMAT Pro) Software
(Windows based)

Options: *PC, Laser Printer, Thickness Gauge with RS232 connection.*



Wedge grips for Tensile test – pictured with extensometer



Compression Platens, with displacement transducer

