Testing Capabilities

Chemistry
FTIR/ATR/Reflectance/Micro
Electron spin resonance
Energy dispersive spectroscopy
Contact angle
GC/LC/HPLC/Mass Spec
Molecular weight (GPC, Viscometry)
pH
NMR
ESCA, Auger, TOF-SIMS
Inductively coupled plasma

Morphology
Scanning electron microscopy
Transmission electron microscopy
Optical microscopy
Density
Birefringence
X-ray analysis
Swell ratio analysis

Rheology/Tribology
Shear/Oscillatory/Creep
Extensional
Melt flow index
Coefficient of friction

Thermal
Differential scanning calorimetry
Thermal gravimetric analysis

Mechanical
Dynamic mechanical analysis
Tension/Compression
J-Integral
Creep
Fatigue crack propagation
Environmental stress cracking
Hardness
Small punch
Impact

Miscellaneous
Accelerated aging
Manufacturing residue analysis
Oxygen content
Oxidation induction time
Radiopacity

This is an abbreviated list of our capabilities, and is subject to change as we expand our capabilities. Please contact us regarding testing that may not be listed here.