

Analytical Methods Committee



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Electronic Supplementary Material  
Supplementary material is available for this article at <http://dx.doi.org/10.1007/s00769-004-0862-6>.

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The Analytical Methods Committee has received and approved this report from the Instrument Criteria Sub-Committee.

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The Royal Society of Chemistry,

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1. Proportional scoring (PS). It will be assumed, unless otherwise stated, that the scoring of features will be by proportion, e.g. Worst/0 to Best/100.
  2. Weighting factor (WF). This will depend on individual
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differential thermal analysis (DTA), normally also referred to as DSC, and power-compensated DSC. A newer technique is modulated DSC.

- Thermal mechanical analysis (TMA), for measuring
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1. ASTM D3417 Heats of fusion & crystallinity of polymers by thermal analysis, International Confederation for thermal analysis
2. ASTM D3418 Temperature, transitions of polymers by thermal analysis, International Confederation for thermal analysis
3. ASTM E473 Definition of terms relating to thermal analysis, International Confederation for thermal analysis
4. ASTM E928 Determination of purity by differential scanning calorimetry, International Confederation for thermal analysis
5. USP XXV <891> Thermal analysis, International Confederation for thermal analysis
6. USP XXV <661> Containers, polyethylene containers, International Confederation for thermal analysis