

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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**IEC 60216-2**  
Edition 4.0 2005-08

**ELECTRICAL INSULATING MATERIALS –  
THERMAL ENDURANCE PROPERTIES –**  
  
**Part 2: Determination of thermal endurance  
properties of electrical insulating materials –  
Choice of test criteria**

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**MATÉRIAUX ISOLANTS ÉLECTRIQUES –  
PROPRIÉTÉS D'ENDURANCE THERMIQUE –**  
  
**Partie 2: Détermination des propriétés  
d'endurance thermique  
de matériaux isolants électriques –  
Choix de critères d'essai**

**CORRIGENDUM 1**

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

**Table 1 – Examples of insulating materials, with recommended test properties and end-points**

Replace, in Table 1, the row "Resin based reactive compounds (embedding compounds, potting compounds, encapsulating compounds)" with the following:

| 1                                                                                                                                                                                                                                                |  | 2                                      | 3                      | 4                      |               |         | 5                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|------------------------|------------------------|---------------|---------|-----------------------------|
| Insulating materials                                                                                                                                                                                                                             |  | Material specification Publication No. | Recommended properties | Recommended end-points |               |         | Test method Publication No. |
|                                                                                                                                                                                                                                                  |  |                                        |                        | Preferred              | Subsidiary 5) | Type 1) |                             |
| Resin based reactive compounds (embedding compounds, potting compounds, encapsulating compounds)<br>Unfilled epoxy resinous compounds<br><br>Filled epoxy resinous compounds<br>Unfilled polyurethane compounds<br>Filled polyurethane compounds |  | IEC 60455                              | Flexural strength      | 50 %                   |               | R       | ISO 178                     |
|                                                                                                                                                                                                                                                  |  | IEC 60455                              | Loss of mass           | 10 %                   | 3 %; 5 %      | L       |                             |
|                                                                                                                                                                                                                                                  |  | IEC 60455                              | Loss of mass           | 3 %                    | 5 %; 10 %     |         |                             |
|                                                                                                                                                                                                                                                  |  | IEC 60455                              | Flexural strength      | 50 %                   |               | R       | ISO 178                     |