

ISO 11345:2006-02 (E)

Rubber - Assessment of carbon black and carbon black/silica dispersion - Rapid comparative methods

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Principle		1
5 Number of tests		2
6 Method A -- Visual microscopic or photographic microscopic inspection with × 30 magnification		2
7 Method B -- Split-field microscopic inspection with × 30 magnification		3
8 Method C -- Visual microscopic or photographic microscopic inspection with × 100 magnification		6
9 Method D -- Split-field microscopic inspection with × 100 magnification		7
10 Method E -- Large-agglomerate count with × 100 magnification		8
11 Test report		10
Annex A (normative) Visual dispersion rating vs dispersion classification at × 30 magnification (methods A and B)		11
Annex B (normative) Visual dispersion rating vs dispersion classification at × 100 magnification -- Carbon black (CB)		12
Annex C (normative) Visual dispersion rating vs dispersion classification at × 100 magnification -- Reinforcing carbon black (RCB)		15
Annex D (informative) Visual dispersion rating vs dispersion classification at × 100 magnification - Reinforcing carbon black with silica (RCB/Silica)		18
Annex E (normative) Visual dispersion rating vs dispersion classification at × 100 magnification -- Semi-reinforcing carbon black (SRCB)		21
Annex F (informative) Dispersion in rubber		24
Bibliography		26