

VERTICAL BUNSEN BURNER TEST – APPENDIX: CHAPTER 1

Polymeric materials. In order to fix the boundary where the flame front was impinging on the specimen surface and damaging the specimen due to that area's combustion, i.e.: below which combustion of the specimen occurred and above which it did not, it is necessary to observe the specimen continuously during the test. Flame impingement on the specimen may lead to outgassing due to thermal decomposition. As these gases burn, heat radiating from them may cause discoloration, sooting, staining, melting, etc., to areas above the flame front. This type of "damage" is not a result of thermal decomposition due to flaming and, therefore, would not be included in the burn length.