

BURN TEST - #021

When the burn test is applied to fabric, the following characteristics should be noted:

Fabric	Manner of Burning	Odor	Character of Residue
Wool	does not support flame	odor of burning feathers	ash forms into firm but crushable black bead or ball
Silk (unweighted or pure dye)	spits and sparkles, burns slowly	odor of burning feathers	ash forms as soft crushable beads
Silk (weighted)	does not burn, chars	odor of burning feathers	black ash
Cotton	burns readily	none	small amount of soft fluffy ash
Linen	burns readily	none	small amount of soft fluffy ash
Rayon	burns readily	none	small amount of soft fluffy ash
Acetate	fuses or melts	vinegar-like odor	forms black, hard ash
Nylon	melts	distinctive odor	melted mass is usually tan or brown