

PHYSICAL PROPERTIES OF SILK FIBER : 1. Normally, the dry silk fiber has a tenacity varying from 2.4 to 5.1 grams per denier. Luster The silk fiber's triangular cross-section gives it excellent light reflection. Shape and appearance Silk filaments are approximately 900 – 1700 meters long. The diameter of the silk filament is from 9 to 11 microns. Tenacity: Silk fiber is extremely strong. A filament of silk is stronger than an equal diameter filament of steel. 2. 3. 4