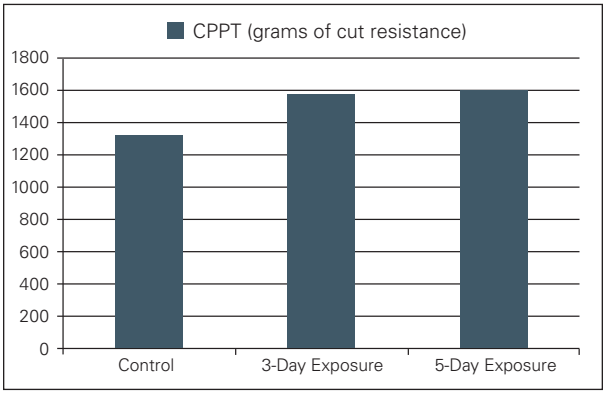
DUPONT™ KEVLAR®

GUIDE TO UV STABILITY FOR CUT-RESISTANT GLOVES

DuPont™ Kevlar® Cut Resistance*



*Gloves were tested in accordance with ASTM F1790-97 using the CPPT instrument. Gloves were not used in any industrial application prior to or after exposure to UV sunlight.

Performance

This document discusses the performance of cut-resistant gloves made of 100% DuPont™ Kevlar® after exposure to ultra-violet light.

Effect of UV Exposure on Cut Resistance

Manufacturer's gloves made of 100% Kevlar® were exposed outdoors directly to sunlight for 12 hours a day for a total of five days. Cut testing was performed at the start, at three days, and at five days. The cut resistance did not decrease for the gloves exposed to the sunlight. The gloves did change in color, from yellow to brown, but as can be seen from the data, this is an aesthetic change and does not affect the cut resistance of the gloves. Additionally, abrasion was not negatively affected per both the Taber and Wyzenbeek test methods.

Gloves Incorporating Other Materials

These results were obtained on gloves made of 100% DuPont™ Kevlar® fiber and do not address the performance of fibers other than Kevlar®.

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