

Common laundry recommendation for

Chemical Protective Clothing acc.

Electrostatic properties Clothing acc.

Flame Retardancy Protective Clothing acc.

High Visibility Protective Clothing acc.

EN 13034-6-Type 6
EN ISO 4920

EN 1149-3, 1149-5

ISO 11612 2015

ISO 20471 2013



Ecolab performed 50 wash cycles with the new **Performance Industrial** Program on different Personal Protective Garments from Klopman.

The 50 times washed garments were tested at Hohenstein (15.1.12.1554 DIN EN 13034, 15.1.12.1555 DIN EN 11612, 15.1.12.1553 DIN ISO 20471) or Klopman Laboratories (Report Mar 17,2017) according to the requirements to the appropriate EN or ISO norms.

The results stated out that the material fulfill the requirements for Personal protective clothing offering Chemical Protection, Electrostatic properties, Flame Protection and High Visibility.

Safety information

For adequate protection of the user, those Protective Clothing has to be laundered and cleaned regularly. Unsuitable wash processes for this category of garments (Washing/drying) may have a negative impact on the characteristics and can also extremely shorten the lifetime of the garment. The selection of the appropriate PPE should be based on a Risk Assessment together with the responsible persons of the user's organization. This tool provides all the important information about hazards and how to minimize risk with the appropriate PPE.

Conclusion

Performance Industrial protects the properties of Personal Protective Clothing and extends the lifetime of the textiles.

Test methods

Garment type: Megatec 250N

Chemical Protective Clothing
Electrostatic properties

Test method:

Resistance to the Penetration of Liquid Chemicals (EN 6530:2005-05)

Determination of resistance to surface wetting (ISO 4920)

Maximum Tensile Strength and Elongation at maximum force (DIN EN ISO 13934-1:2013-8)

Half decay time and shielding factor (EN 1149-3 & 1149-5)

Garment type: Mars FR, Firestrike 245, Megatec 250

Flame Retardancy Protective Clothing

Test method:

Burning behavior (EN ISO 15025:2003-02 (method A+B))

Thermal resistance (ISO 17493:2000-12)

Garment type: Luminex 270 HV yellow & orange

High Visibility Protective Clothing

Test method:

Luminance factor and Standard color value proportions (DIN EN ISO 20471:2013-09)