

Common laundry recommendation for

Chemical Protective Clothing acc.

DIN EN 13034-6–Type 6



Flame Retardancy Protective Clothing acc.

ENISO 11612



High Visibility Protective Clothing acc.

ENISO 20471



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

The 50 times washed garments were tested at Hohenstein Laboratories according to the requirements to the appropriate DIN EN or DIN ISO norms.

The results stated out that the material fulfill the requirements for Personal protective clothing offering Chemical Protection, 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 organisation. 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: Gneis

Chemical Protective Clothing

Test method:

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

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

Garment type: LEA MULTI+ 310

Flame Retardancy Protective Clothing

Test method:

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

Thermal resistance (ISO 17493:2000-12)

Garment type: Warntec SC

High Visibility Protective Clothing

Test method:

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