



Waxman

The fibre to produce
inherently FR
upholstery



A natural look and feel -

Kanecaron Pw
UPHOLSTERY

Basic Concept

Use standard cellulosic as a warp (eg cotton or viscose) and (100%) Kanecaron PW as a weft. (A minimum of 40% Kanecaron PW is recommended as a percentage of the total fabric weight.)

This combination will help to achieve the following international upholstery FR standards:

UK: *BS 5852 Part 1 (cigarette & match – domestic)*
BS 5852 Part 2 (crib 5 – contract)

EU: *BS EN 1021 Parts 1 & 2*
(cigarette & match – contract only)

IMO: *Res A652(16)*

What is Kanecaron PW?

Kanecaron PW is a very special modacrylic (modified acrylic) fibre that is inherently flame retardant.

How does it work?

Kanecaron PW has excellent charring characteristics as well as superior flame retardant properties (LOI 34). These, combined with a cellulosic warp, produce ideal FR upholstery fabrics resulting in a beautiful and cotton-like look.

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The importance of charring

This is of critical importance in upholstery fabrics, where the charred area (formed after burning) creates a barrier that prevents any substrate (such as upholstery foam) from igniting. The cellulosic warps (which exhibit excellent charring characteristics), combined with Kanecaron PW, are an ideal combination (unlike FR polyester which exhibits melting behaviour).



Features	Benefits
Inherently FR	Kanecaron PW is permanently and inherently FR: safer than chemical treatments and without loss of FR performance after repeated laundering or dry cleaning
Standard cellulosic warps	Cellulosic warps are competitive, attractive and easily available. No necessity to change to costly FR warps
Weft only solution	Kanecaron PW is recommended (in 100% form) as a weft, adding superior flame retardancy (LOI 34) as well as charrability
Natural look and feel	The look of cotton coupled with the natural lustre of Kanecaron PW combine perfectly
Standard dyeing	Kanecaron PW dyes in a similar manner to standard acrylic, thus allowing an unlimited choice of colours and shades

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Technical Data

PW

Limiting Oxygen Index (LOI)	34
Fibre Specification	1.9 d'tex x 38mm
Lustre	Matt
Tenacity (cN/d'tex)	3.3
Elongation (%)	30
Young Modulus (Gpa)	2.2
Specific Gravity	1.4
Shrinkage (boiling water x 30mins)	< 4%

SAMPLE REF



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