Vector PURVITEC

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Performance of Innovation

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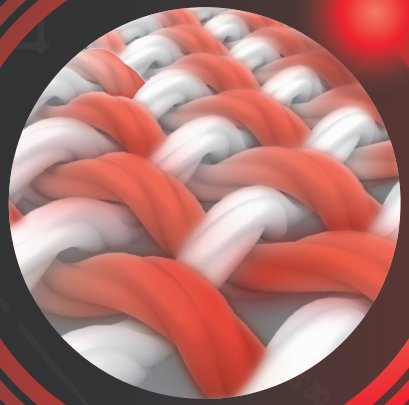
Profile And Technical Data Sheet

PURVITEC

Enhanced multi-organic block co-polymer sizing modified-starch product with high natural reactive adhesive, molecular elasticity shield coating, and coverage ability. Purvitec is designed to reactively bound simultaneous with other protective material such as PVA, acrylic, wax, etc., which will significantly increase the protection performance of the mixture film. The built-in components of Purvitec are also dedicated to support compliance of non-hazardous material regulation for the modern EU & US Standard.

Yarn application:
Cotton, Rayon, Polyester Blended

Yarn Density:
Low, Medium, Medium - High



Product Variant
Natural multi-polymerized sizing modified-starch

Spun Yarn Application
Cotton, Rayon, Polyester Blended Yarn

Usage
Yarn protection (covers & strengthens), significantly enhance PVA, acrylic, and other starch performance

Physical Form
Pale-white, fine powder

Packaging
25 Kg per bag

Green Shield Size Technology

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GLOBAL ORGANIC TEXTILE STANDARD · GOTS ·

Properties & General Characteristic

Basic material content :
Multi Organic Block co-Polymer Saccharide, Native Potato Starch, Gluten Protein

Viscosity character :
Low

Storage Stability :
At least 2 years (sealed condition and proper dry area keeping)

Removal :
Easy removal (Enzyme & less caustic needed)

BENEFIT & ADVANTAGES

Super adaptive simultaneous reaction with PVA, acrylic, starch, and wax.

The multi-organic block co-Polymer saccharide supports higher adhesive ability, which will ensure better yarn protection through shielded-mixture film adhesion

Significantly enhance the performance of other sizing protective materials (PVA, acrylic, starch, etc.)

Balanced size absorption & mixture film strength optimization for better yarn protection

Totally organic modified content for higher eco-green standard requirement

LABORATORY ANALYSIS

Content 8%

Viscosity				PH			Moisture
80.0 mPa.s	7 Second	90°C	± 10%	7	90°C	± 10%	11-13%