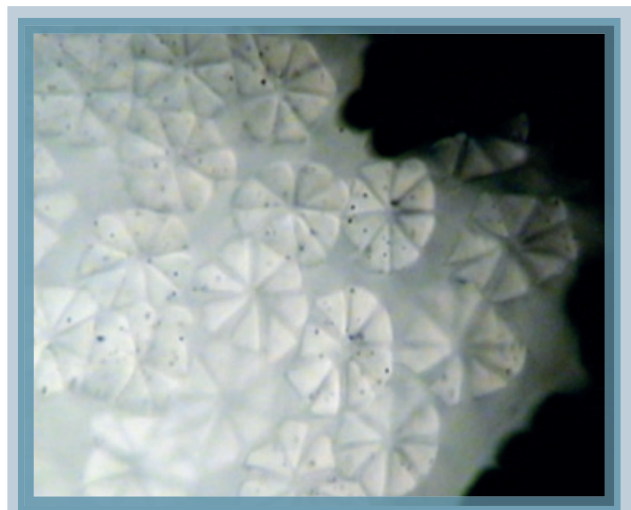# -Radyarn® -BiCo

POLYESTER AND POLYAMIDE BICOMPONENT YARN

Noyfil SpA, a company belonging to the Fibres area of RadiciGroup, is able to offer its customers a high-performance bicomponent polyester and polyamide yarn: Radyarn® BiCo.
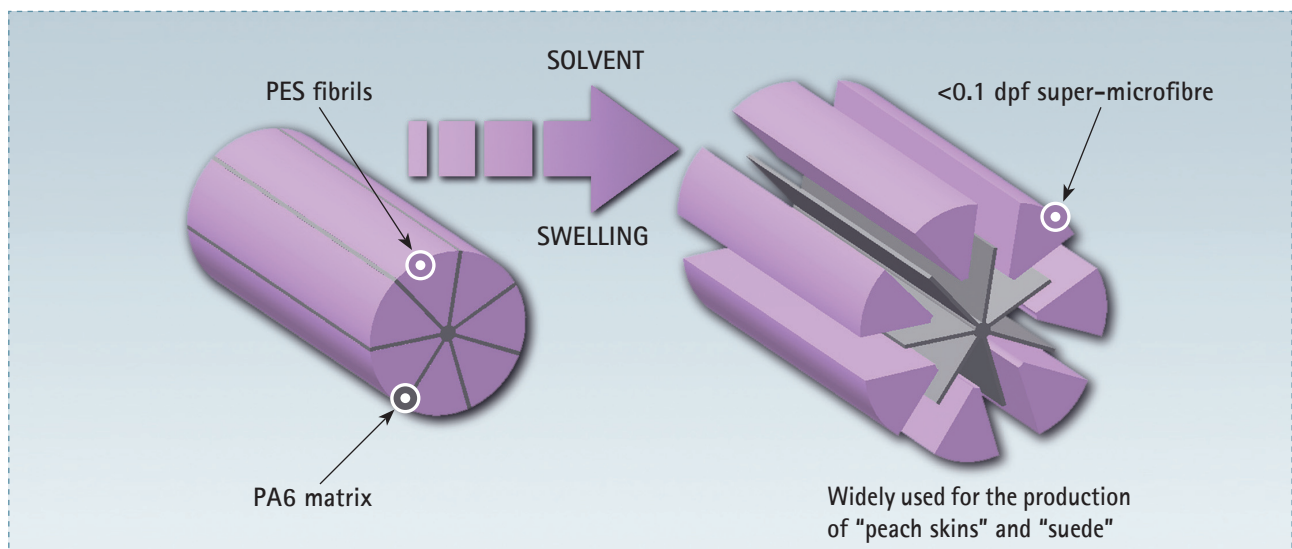
This microfibre yarn has been set up through a bicomponent spinning using polyester (80%) and polyamide (20%). This process allows to reach DPF values far lower than traditional microfibre values.

Thanks to Radyarn® BiCo it is possible to manufacture fabrics with excellent characteristics of handle, swelling, performance and versatility. The textile characteristics of this yarn allow, when weaved, a universal use without applying any particular technology. In the fields of apparel and furnishing, with a suitable finishing process, it is possible to obtain fabrics with an exceptional touch and softness.

Magnification of Radyarn® BiComponent yarn.

The initial 75 filaments, made up of 8 polyester filaments each, are held together by a polyamide matrix. During the finishing process, these 8 filaments are fibrillated and "explode" resulting in approximately 600 micro-filaments.

PES fibrils

SOLVENT

<0.1 dpf super-microfibre

SWELLING

PA6 matrix

Widely used for the production of "peach skins" and "suede"

Applications, Sectors

APPAREL	FURNISHINGS/HOMEWEAR
Sportswear	Household linens and thread
–	Chenille
–	Linings, padding, ribbons

AVAILABILITY

RadYarn® BICo yarns, as matrix yarns, are available in 83/75x8 dtex and 167/75x8 dtex textured on sized beams, and textured on spools.

Our RadYarn® BICo yarns are also available as follows:

-Radyarn®- BiCo

TECHNICAL SPECIFICATIONS													
ADDITIVES				CROSS SECTION			LUSTER					DPF	
BACTERIOSTATIC "feel"	STABILIZED UV "UV guard"	TRACING "trace"	UV PROTECTION "UVP"	ROUND	TRILOBAL	SPECIAL	SEMIDULL	FULL DULL	BRIGHT	DOPE DYED	YARN DYED	MICRO 0.6 DPF	SUPER MICRO 0.3 DPF
				●		● SKINCORE MATRIX	●	●	●	●	●		●

RADICI GROUP