



NEWS RELEASE

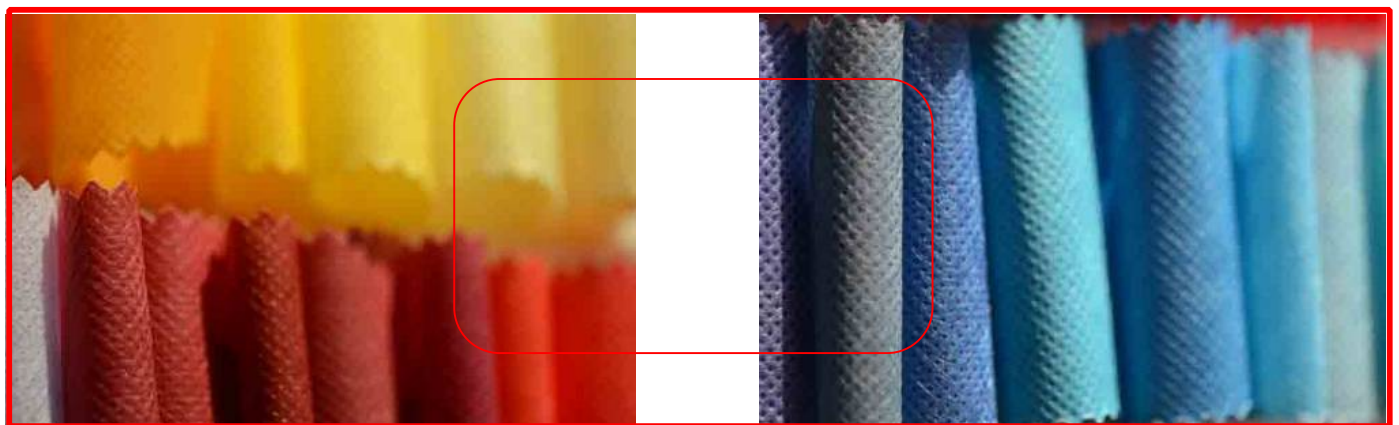
Frankfurt am Main, 4 – 7 May 2015

Dylar® spunbond nonwoven specialities at Techtexsil.

RadiciGroup is back at TECHTEXTIL, a leading international trade fair for technical textiles and nonwovens, from 4 to 7 May 2015 in Frankfurt, Germany.

FOCUS ON

Dylar® specialities: from Anti-UV and UV Plus spunbond to Flame Retardant nonwovens, all featuring better-than-average mechanical characteristics.



At *Techtextil 2015* the focus is on **Dylar® specialities**: from *Anti-UV and UV Plus spunbond* to *Flame*


Retardant nonwovens, all featuring better-than-average mechanical characteristics. The functional properties of these materials make them ideal for applications in the **roofing, automotive, filters, furnishings, agricultural and HORECA industries**, as well as for **protective clothing, single-use items and packaging**. Available in a wide range of weights, widths and additivations, **Dylar® products ensure benefits such as superior quality, workability and excellent performance.**

*The **prized characteristics** of Dylar® that our customers rely on are its*


**SUPERIOR TECHNICAL PROPERTIES:
TENSILE STRENGTH AND ISOTROPY**

High Technical Properties

Tensile Strength
is the maximum stress that a material can withstand while being stretched or pulled before failing or breaking.



Isotropy
is uniformity in all orientations, both Cross Direction (CD) and Machine Direction (MD).
In standard spunbond PP nonwovens MD > CD



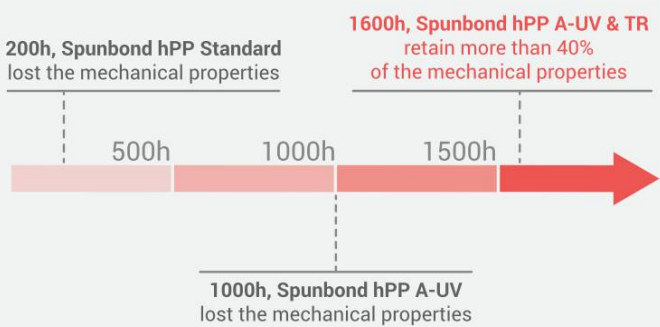
DYLAR® PP spunbond performance can reach: MD/CD=1

DYLAR® ANTI-UV AND UV PLUS...

A-UV

UV degradation occurs when nonwovens are exposed to the influence of sunlight, rain, temperature, and oxygen.

This type of degradation is caused primarily by the UV content of sunlight, which initiates the photo-oxidation process.



200h, Spunbond hPP Standard lost the mechanical properties

1000h, Spunbond hPP A-UV lost the mechanical properties

1600h, Spunbond hPP A-UV & TR retain more than 40% of the mechanical properties

Polypropylene spunbond nonwovens with excellent anti-UV properties especially suited for applications in the following industries: **roofing (roofing membranes and insulating mats** used to protect and insulate buildings) and **agricultural (sheets/cloths** used to protect plants and land from aggressive atmospheric agents and ensure the needed moisture; **coverings for mulching** the soil around crops to prevent weed seed germination). The **Dylar® UV PLUS** version has a greater UV-ray protection factor than the

average factor of products commonly available on the market.

DYLAR® FLAME RETARDANT...

Polypropylene spunbond nonwovens ideal for applications requiring fireproof and flame retardant characteristics. From roofing to automotive, furnishings and filters, Dylar® nonwovens with **halogen-free**

Flame retardant

Dylar® Flame Retardant PP spunbond

can prevent fires from starting or limit the spread of fire and minimize fire damage.



DIN 75200 (AUTOMOTIVE)

Determination of burning behaviour of interior materials in motor vehicles.



EN ISO 11925 (ROOFING/BUILDING)

Reaction to fire tests - Ignitability of building products subjected to direct impingement of flame.



FIRA International Ltd (FURNITURE)

Furniture Industry Research Association Certification: Schedule 4 Part II & Schedule 5 Part III

HALOGEN FREE PRODUCT

flame-retardant additives ensure maximum reliability and quality, while complying with the strictest safety regulations. In collaboration with its customers, RadiciGroup develops flame-retardant solutions for all needs, by tailoring Dylar® functionalities to specific customer requirements. In RadiciGroup FR target markets, nonwovens are a semi-finished product, which our customers process and assemble differently from one another depending on their final applications. RadiciGroup can tailor the

semi-finished product by developing the best solution in terms of quality, performance and price for each specific use.



For more information on DYLAR® applications
please contact our sales office:
mauro.cattaneo@radicigroup.com

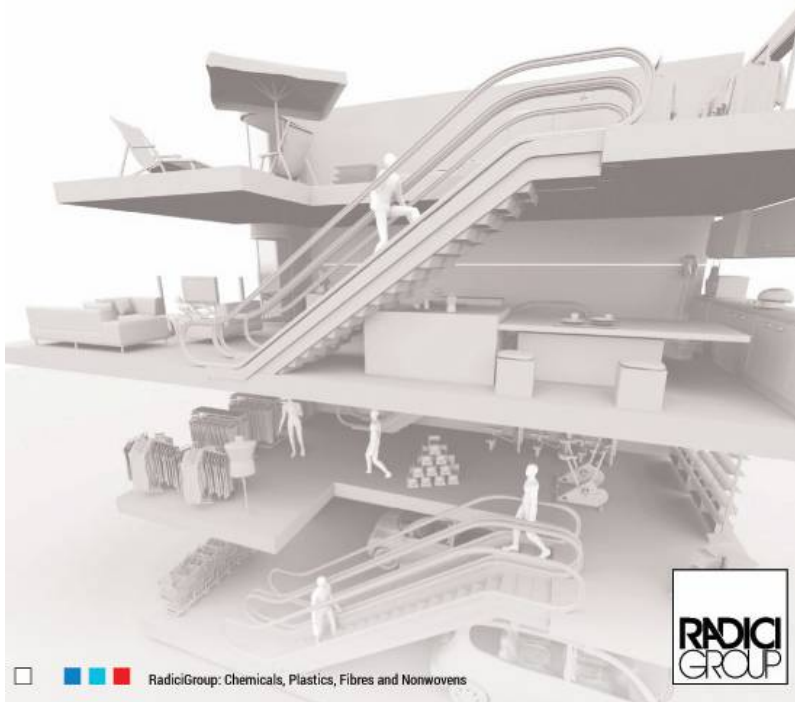
WATCH [DYLAR® SPECIALTIES VIDEO](#)

LEARN ABOUT [DYLAR® APPLICATIONS](#)

RADICIGROUP

Production and sales sites in Europe, North America, South America and Asia. Diversified

businesses focusing on chemicals, plastics, synthetic fibres and nonwovens. Know-how. Vertically integrated nylon production. Constant commitment to guaranteeing its customers quality, sustainable innovation and reliability. All this is RadiciGroup, a leader in nylon chemicals. RadiciGroup products are used in applications such as: APPAREL – FURNISHINGS – AUTOMOTIVE – CONSUMER GOODS – CONSTRUCTION – ELECTRICAL AND ELECTRONICS – HOUSEHOLD



APPLIANCES - SPORT. RadiciGroup, with its Chemicals, Plastics, Synthetic Fibres and Nonwovens Business Areas, is part of a larger industrial group that also includes textile machinery and energy businesses.

WWW.RADICIGROUP.COM



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