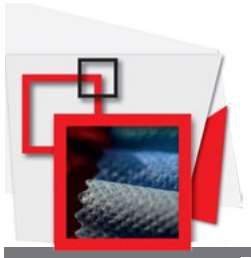


DYLAR

RADICI GROUP

Polypropylene spunbond nonwovens

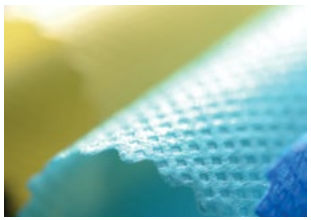
TESSITURE PIETRO RADICI (TPR) is the ancestral company of today's Radici-Group. TPR has been in operation since 1941. Since the end of the 1980's, it has produced the Dylar® line of spunbond nonwovens which are specifically designed and developed for needs of various application sectors.

TPR is member of the European Association for the Nonwovens industry EDANA.

BRAND

DYLAR

Dylar® is the brand name for polypropylene spunbond nonwovens manufactured by TPR. The Dylar® family includes a complete range of products offering a wide choice of weights, widths and additives.



MARKETS

AUTOMOTIVE
Dylar® Thermoresistant
Dylar® Low VOC emissions

HYGIENE & MEDICAL
Dylar® Super Absorbent
Dylar® Soft (PE)

FILTRATION
Dylar® Elongation
Dylar® Air Permeability

AGRICULTURE
Dylar® UV High Resistance at low weight
Dylar® Pesticides Resistant
Dylar® Super Absorbent
Dylar® Soft (PE)

PROTECTING APPAREL
Dylar® Antistatic
Dylar® Tear Resistant
Dylar® High Tech Puncture Resistant

ROOFING
Dylar® UV Resistant
Dylar® Electroshield
Dylar® Flame Retardant
Dylar® High color fastness
Antimosquitos & Mold

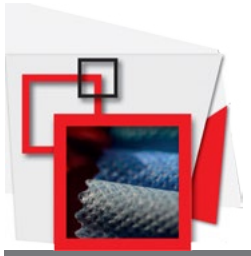
FURNITURE
Dylar® Antibacterical
Dylar® Antistatic
Dylar® Food Approval (EU Standard)

Dylar® Spunbond Process Certifications

UNI EN ISO 9001

UNI EN ISO 14001

OHSAS 18001



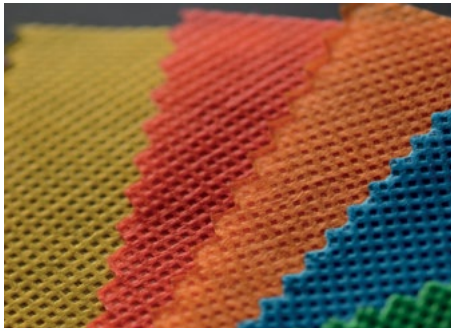
DYLAR

RADICI GROUP

Polypropylene spunbond nonwovens for Automotive

TESSITURE PIETRO RADICI (TPR) is a well known European manufacturer of polypropylene spunbond nonwovens for technical applications such as roofing membranes, automotive interior and exterior, furniture, packaging and agriculture.

DYLAR® spunbond is a nonwoven fabric that is comprised of filaments arranged in a random manner and thermally bonded using a calendering process.
DYLAR® spunbond is available in weights from 12 to 150 gr/m2 and in a wide range of colours and tailor made technical properties.



FOCUS ON INNOVATION

The automotive industry is one of the largest users of "engineered non-woven fabrics". Nonwovens cover approximately 3,7 sqm per vehicle, very often in non visible parts. This is a very demanding industry that requires: new materials, different technical usages, low cost and performing solutions.

STRENGHTS

- Lightweight
- Good structural / engineering properties
- Versatility
- High mechanical characteristics over time

FOCUS ON INNOVATION

AUTOMOTIVE INTERIOR

DYLAR® FEATURES

- High Tensile strength
- Functionality at hot, cold and humid conditions
- Good Folding behavior

AIRBAG ENVELOPE

SEAT SPRING COVER

DYLAR® FEATURES

- Lightweight and strong
- Functionality at hot, cold and humid conditions
- High Tensile strength

SEAT COVER

DYLAR® FEATURES

- High Tensile strength
- Lightweight and strong
- Hydrophobic

AUTOMOTIVE EXTERIOR

INSULATION ACOUSTIC CONTROL

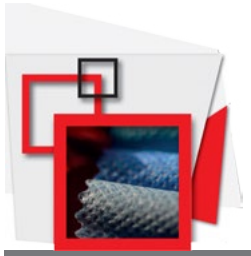
DYLAR® FEATURES

- Readily sewn, seamed, coated, dyed and laminated
- Lightweight and strong
- Functionality at hot, cold and humid conditions

CAR COVER

DYLAR® FEATURES

- High Tensile strength
- UV resistance properties
- Wide range of colours



DYLAR

RADICI GROUP

Polypropylene spunbond nonwovens specialties

High Technical Properties

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

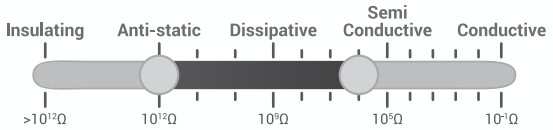
Isotropy is uniformity in all orientations, both Cross Direction (CD) and Machine Direction (MD).
In standard spunbond PP nonwovens MD > CD

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

Antistatic

DYLAR® PP spunbond AS prevents or inhibits the buildup of static electricity.

As requested by the different application sectors, **DYLAR® PP spunbond AS** can either be:
Anti-Static (Dylar® surface resistance 1x1012 ohms/square)
Dissipative (Dylar® surface resistance 1x106 ohms/square)



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.

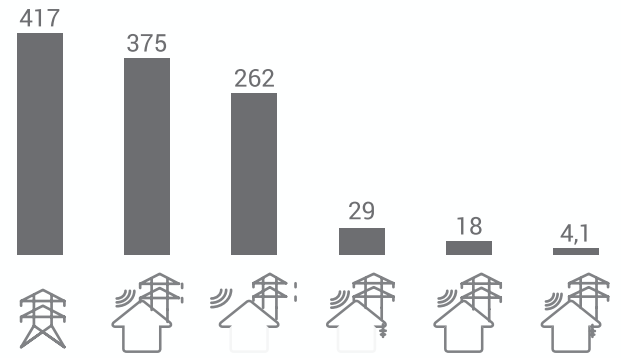
EN ISO 11925 (ROOFING/BUILDING)
Reaction to fire tests - Ignitability of building products subjected to direct impingement of flame.

FIRA International Ltd (FURNITURE)
Furniture Industry Research Association Certification: Schedule 4 Part II & Schedule 5 Part III.

Electroshields

DYLAR® PP Electroshields is a laminate, developed in customer partnership, whose main feature is the shielding that it provides against electric waves. Each of its constituent layers performs a specific function.

What does DYLAR® PP Electroshield do?



Electric field intensity *(V/m)

Electroshield is individually capable of abating up to 30% of field lines. When the product is properly grounded, a reduction of over 90% can be achieved.

A-UV

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

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