

DuPont Carpet Backing

HIGH PRECISION IN CARPET PROCESSING

DuPont™ Typar® spunbonded polypropylene enables the production of high quality carpets with even the most critical designs and offers distinctive advantages versus woven backing materials.

DuPont™ Typar® spunbonded polypropylene

Is a versatile nonwoven material developed by DuPont as a primary backing for carpets. Typar® is manufactured using a unique integrated process in which continuous filaments of polypropylene are spun and immediately formed into a web that is heat-bonded at filament crossover points.

Primary carpet backing of Typar® spunbonded polypropylene offers carpet manufacturers distinctive advantages not found in woven backing materials.

Product Benefits

- **Dimensional Stability**

Typar® provides optimum protection against bowing and skewing and non-uniformity of pattern registration.

- **Optimum Pile Surface Uniformity**

Typar® eliminates tufting needle deflection for excellent pattern definition, improved velours aesthetics and superior pile-height uniformity.

- **Accurate Cutting**

Typar® has non-ravelling edges and can be accurately cut in any direction.

- **Printing Colours**

Typar® does not stain pile yarns or change the acidity of the dye baths.

- **The power of versatility**

Typar® is a versatile primary carpet backing suitable for all gauges and stitch-rates of all cut-pile and loop-pile carpet constructions.

- **Environmentally Friendly**

Typar® is made from 100% polypropylene, using no extraneous binders or fillers.

Product Offering

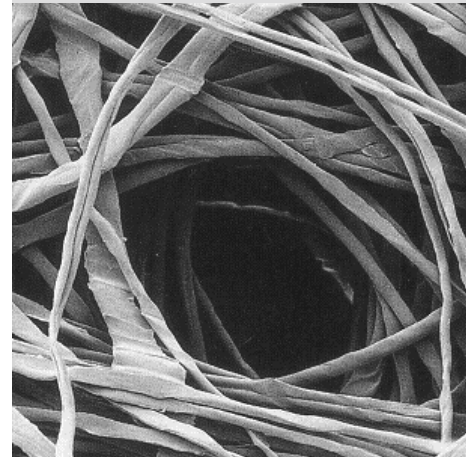
DuPont™ Typar® is available in a number of commercial styles to offer the optimum technical and economical solution for the tufted carpet industry (broadloom, bath-rug, walk-off mats,...). These styles differ by weight, by surface properties, by strength properties and by colours. The available colors are grey, black and white.

ISO 9001

DuPont has shown continuous commitment for quality and the environment. The Luxembourg site has received certifications in accordance with ISO 9001 and ISO 14001 and is EMAS registered in accordance with EU regulation No.1836/93



▲ During tufting the continuous fibers of Typar® are not damaged but displaced to form a reinforcing collar around tufts.
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Technical Information

DuPont™ Typar® spunbonded polypropylene is available in various basis weights and in a range of widths for producing up to 5 meters wide carpet. Typar® is shipped from the manufacturing plant on heavy-duty 128 mm internal diameter cores and packed in roll lengths up to 1250 meters with a maximum weight of 900 kg.

End use application: BROADLOOM

Typar® recommended styles:

Properties	Standard	Unit	4298	4318	4408	4398
Area weight	EN ISO 9864	g/m ²	100	105	130	136
Thickness at 2 kN/m ²	EN ISO 9863-1	mm	0.34	0.35	0.38	0.40
Tensile strength MD *	EN 29073-3	N/5 cm	160	170	230	335
Elongation at max. force MD *	EN 29073-3	%	30	30	35	40
Tensile strength XD **	EN 29073-3	N/5 cm	140	160	340	300
Elongation at max. force XD **	EN 29073-3	%	30	30	35	35

(*) MD: Machine Direction

(**) XD: Gross Direction

End use application: BATHRUGS & WALK-OFF MATS

Typar® recommended styles:

Properties	Standard	Unit	3338	3338-B	4338-W	4408-W	4478-W	3508-WT
Area weight	EN ISO 9864	g/m ²	110	110	110	130	160	170
Thickness at 2 kN/m ²	EN ISO 9863-1	mm	0.45	0.45	0.35	0.38	0.44	0.56
Tensile strength MD *	EN 29073-3	N/5 cm	200	200	180	230	280	285
Elongation at max. force MD *	EN 29073-3	%	40	40	25	30	37	35
Tensile strength XD **	EN 29073-3	N/5 cm	250	250	240	300	400	450
Elongation at max. force XD **	EN 29073-3	%	35	35	30	35	34	34

(*) MD: Machine Direction

B: Black

(**) XD: Gross Direction

W: White

Style 4478-W is recommended for table tuft.

Product safety information is available upon request.

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

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