

# Carpet backing

## Technical Data Sheet

DuPont™ Typar® spunbonded polypropylene is a versatile nonwoven material developed by DuPont as a primary backing for tufted 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:

- **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.

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.

Properties	Standard	Unit	End-use application: BROADLOOM			End-use application: BATHRUGS		
			4298	4408	4398	3338	4408-W	4478-W
Area weight	EN ISO 9864	g/m <sup>2</sup>	100	130	136	110	130	160
Thickness at 2 kN/m <sup>2</sup>	EN ISO 9863-1	mm	0.35	0.41	0.42	0.49	0.40	0.46
Tensile strength MD *	EN 29073-3	N/5 cm	170	220	330	180	250	300
Elongation at max. force MD *	EN 29073-3	%	35	35	45	40	40	40
Tensile strength XD **	EN 29073-3	N/5 cm	170	340	350	270	360	450
Elongation at max. force XD **	EN 29073-3	%	35	35	35	35	40	35

(\*) MD: Machine Direction

(\*\*) XD: Cross Direction

W: White

Further product 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 testing. 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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