



# Xavan® Footwear

## Technical Data Sheet

DuPont™ Typar® styles for footwear applications are nonwoven fabrics composed of thermally bonded, continuous polypropylene filaments. The structure of Xavan® combines low thickness with high tensile strength and tear resistance in all directions.

Property	Standard	Unit	5261	5331	5371	5401	5401-2	5481-3	5601-3	5701NG	5851NG	5941
<b>Descriptive properties</b>												
Area Weight	EN ISO 9864	g/m <sup>2</sup>	90	110	125	136	150	165	190	240	290	320
Thickness at 2kN/m <sup>2</sup>	EN ISO 9863-1	mm	0.39	0.48	0.46	0.49	0.51	0.52	0.59	0.65	0.71	0.74
<b>Mechanical properties</b>												
Tensile strength	EN ISO 29073-3	N/5 cm	230	230	350	370	420	530	560	760	950	1100
Tear strength	ASTM D4533	N	215	270	320	370	370	335	420	540	550	480

\* Note: MD = Machine Direction / XD = Cross Direction. The values correspond to average results obtained in our laboratories and outside institutes and are indicative. The right is reserved to make changes at any time without notice.

### Product Description

• Polymer	100% Polypropylene
• Specific gravity	0.91
• Melting point	165°C
Type of fibre	continuous filament
• Fibre diameter	40/60 µm
• Fibre bonding	Thermal bonding
• Color	Grey

### Packaging

Products can be dimensioned on request (depending on style)	
Possible widths	0.18 m – 5.2 m
Possible lengths	400 m – 2500 m

### Durability

Natural UV light	Not to be used as an outer layer
Moisture	Does not absorb moisture
Rot, mildew	Unaffected
Natural occurring acids and alkali	Unaffected
Chemical resistance EN 14030	100% retained strength
Microbiological resistance EN 12225	100% retained strength

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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