

TYPAR® SPORT

Technical Data Sheet

DuPont™ Typar® Sport was specially developed to serve as a separation, stabilization and filtration layer between the artificial turf and the base layer on sport fields. It helps to distribute the punctual load on the turf and prevents the migration of infill into the base layer. The special smooth surface and straight unrolling allows fast and easy installation of the turf layer.

Property	Standard	Unit	Value
Descriptive properties			
Area Weight	EN ISO 9864	g/m ²	128
Thickness under 2kN/m ²	EN ISO 9863-1	mm	0.40
Hydraulic properties			
Opening size O _{90W}	EN ISO 12956	μm	125
Velocity VI _{H50}	EN ISO 11058	mm/s	50
Flow Rate at 10 cm WH	BS 6906-3	l/(m ² · s)	80
Mechanical properties			
Tensile strength MD / CMD	EN ISO 10319	kN/m	6.0 / 9.5
Elongation MD / CMD	EN ISO 10319	%	35 / 35
Strength at 5% elongation MD / CMD	EN ISO 10319	kN/m	2.7 / 3.2
Static Puncture CBR	EN ISO 12236	N	1175
Dynamic Cone Puncture	EN ISO 13433	mm	25

**Note: MD = Machine Direction / CMD = Cross Machine 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 fiber	Continuous filament
• Fiber diameter	40/60 μm
• Fiber bonding	Thermal bonding
• Color	Grey

Packaging

Standard roll width	4.50 m
---------------------	--------

Standard roll length 65m, 100m, 110m

Other dimensions available on request

Durability

Natural UV light	To be covered within 2 weeks after installation; predicted to be durable for a minimum of 100 years in all natural soils
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

CE

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.