

# DuPont™ Typar® HR

## REINFORCEMENT GEOCOMPOSITE

### ASK FOR MORE STRENGTH

#### Measured properties

##### DuPont™ Typar® HR: A High Resistance reinforcement geocomposite.

DuPont™ Typar® HR is a high strength geocomposite using the separation and filtration performance of a regular polypropylene Typar®, reinforced with high-tenacity polyester yarns. These reinforcement fibres are permanently combined with the nonwoven base by weft insertion knitting to provide a very strong multi-functional geosynthetic.

Property	Standard	Unit	HR55/55
<b>Mechanical Properties</b>			
Tensile Strength MD	EN ISO 10319	kN/m	60
Tensile Strength CMD	EN ISO 10319	kN/m	60
Elongation MD / CMD	EN ISO 10319	%	11
Tensile Strength MD			
2%	EN ISO 10319	kN/m	10
5%	EN ISO 10319	kN/m	25
10%	EN ISO 10319	kN/m	55
Tensile Strength CMD			
2%	EN ISO 10319	kN/m	10
5%	EN ISO 10319	kN/m	25
10%	EN ISO 10319	kN/m	55
Puncture CBR	EN ISO 12236	kN	5.0
Dynamic Perforation	EN ISO 13433	mm	20
<b>Hydraulic Properties</b>			
Velocity Index VH50	EN ISO 11058	m/s	0,03
Pore size O90	EN ISO 12956	mm	0.125
<b>Descriptive Properties</b>			
Unit weight	EN ISO 9864	g/m <sup>2</sup>	340

#### Durability

- To be covered on the day of installation
- Predicted to be durable for a minimum of 25 years in natural soils with 4 < pH < 9 and soil temperatures <25° C

#### Product description

- Nonwoven component: Typar®, 100% polypropylene heat bonded continuous filaments.
- Reinforcement component: weft inserted high tenacity polyester yarns.

The values correspond to average results obtained in our laboratories and outside institutes and are indicative. The right is reserved to modify these values at any time without notice.

Typar® HR is delivered in: 4.4 m x 100 m rolls.



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# Typar.

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