

Non-Woven Geotextile Manufactured
From Superior Virgin Polymeric
Staple Fibres-Needle Punched

DESCRIPTION

TIPONTEC geotextile are used as protection in several kind of jobs such as

- Hydrolic jobs and retention basin
- Environmental protection jobs
- Tunnels and underground jobs (roads and railways)
- Brdges
- ▶ Seperation layer in waterproofing & combo systems

PHYSICAL PROPERTIES						
PRO P E R T I E S		ST A N D A R D	UNT	TIPONTEC 100	TIPONTEC 120	TIPONTEC 140
Mass/ Unit Area		ASTMD5261/EN ISO 9864	gms/m ²	100	120	140
Thickness (2kN/m ²)		ASTM D5199/EN ISO 9863-1	mm	1.00	1.1	1.15
MECHANICAL PROPERTIES						
Wide Width Tensile Strength	MD	ASTM D 4595/ EN SO 10319	kN/m	3.5	4.5	5.2
	CD			3.0	4	4.7
Wide Width Tensile Elongation	MD	ASTM D 4595/ EN ISO 10319	%	>45	>45	>45
	CD			>45	>45	>45
Puncture Strength (CBR)		ASTM D 6241/ EN ISO 12236	N	700	800	920
HYDRAULIG PROPERTIES						
Opening Size (095)		ASTM D 4751	mm(Us Sieve)	0.15 0(100)	0.150(100)	0.1 50(1 00)
Flow Rate-5 cm head		EN ISO 11058	l/ m ² /s	100	95	90
Permitivity		ASTM D 4491	Sec1'	2.0	1.8	1.8
ROLL DIMENSIONS						
Roll Width			m	3.0	3.0	3.0
Roll Length			m	100	100	100
Rol Area			m	300	300	300
DURABI L TY						
Durability Protection		To be covered within 15 days after installation.				
Chemical Resistance		Excellent resistance to chemicals and salts normally present in the soil and are unaffected by prolonged contact with common organic solvents such as gasoline and diesel.				
Resistanceto Weathering		Excelent UVresistance and retained Strength of 70% on test of weathering esisance to EN 12224.				
Heat Resistance		Melting point 260°C.				
MD:Machine Direction			CMD:Cross Machine Directon			

The values reported herein are, to best of our knowledge, accurate and reflect the average results obtained in our laboratory however the given information should not be considered as warranty / guarantee figures. Rights are reserved to modify the present data sheet with out prior notice.

IMPORTANT NOTICE

TIPON products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All reasonable care has been taken in preparing this technical information which, to the best of our knowledge is accurate and true at the time of printing this leaflet. Due to our policy of continued development work and depending upon the availability of the raw material clients requirement, climatic and environmental conditions the actual technical data may differ from those described herein as it may be changed, modified or improved by us without notice. All recommendations and suggestions are made in good faith and can only be considered for general guidance. No warranty is implied or given by us in relation to application as conditions for use and any labor involved are beyond our control.