Mc MINING GROUPE PICHORI Quality First

LEADER IN INDUSTRIAL TOOLS & EQUIPMENT

Technical sheet



Geotextile - Superior Needle Punched Nonwoven Geotextiles

Marque: BONAR

Ref Product: wire:SNW62

Ref Mcmining: GEOTSNW62-525

Mechanical Properties			
	Test	**Units**	**SNW 62**
Tensile Strength - MD	EN ISO 10319	kN/m	37
Tensile Strength - XD	EN ISO 10319	kN/m	37
Elongation at break - MD	EN ISO 10319	%	60
Elongation at break - XD	EN ISO 10319	%	65
CBR Puncture Resistance	EN ISO 12236	N	6200
Dynamic Cone Drop	EN ISO 13433	mm	5
Pyramid Puncture	EN 14574	N	600
Hydraulic Properties			
Permeability	EN ISO 11058	m/s	40x10-3
Waterflow normal to the plane	EN ISO 11058	l/m².s	40
Waterflow in the plane-20kPa	EN ISO 12958	m2/s	6,5x10-6
Characteristic Opening Size	EN ISO 12956	?m	72
Physical Properties			
Thickness under 2 kPa	EN ISO 9863-1	mm	3,5
Weight	EN ISO 9864	g/m2	500
Roll width		cm	525
Roll length		m	50
Full truck load volume (+/- 10%)		m²	14 700
Roll diameter (+/- 10%)		cm	48
Durability			
Natural UV light	ASTM 4533	100%	
Chemical Resistance	EN 14030	100%	
Oxidation Resistance	EN ISO 13438	>90%	
Microbiological Resistance	EN 12225	100%	
Hydrolosis	EN 12447	100%	
Product description			
Polymer	100% Polypropylene		
Density	0,91 kg/dm³		
Melting Point	165°C		
Fiber bonding	Mechanical/Thermal		
Application			

membrane protection (under the membrane and/or above the membrane) eg in ‘station d’épuration’, - SNW 62





Membrane protection under oil and petrol tanks - heavy SNW




In coastal(marine) projects - heavy SNW




separate 2 different layers of aggregate

The separation application is the most common and mostly used application for geotextiles. Depending of the :
-ground conditions
-type of project (unpaved road, rural road, motorway, rail road, etc…..)
-consultancy engineer
-…

