

JUNIFOL PEHD

geosynthetic barriers

these product specifications meet or exceed **GRI GM 13**

Properties	Test method	Unit	JUNIFOL PEHD					
			0,75	1,0	1,5	2,0	2,5	3,0
Surface			smooth / smooth					
Thickness (min. ave.) • lowest individual of 10 values	ASTM D 5199	mm	0,75 - 10 %	1,0 - 10 %	1,5 - 10 %	2,0 - 10 %	2,5 - 10 %	3,0 - 10 %
Density (min.)	ASTM D 1505	g/cm ³	0,940	0,940	0,940	0,940	0,940	0,940
Tensile Properties (min. ave.)	ASTM D 6693 typ IV	kN/m	12	19	26	35	40	45
• yield strength								
• break strength		%	24	35	40	54	70	80
• yield elongation								
• break elongation			750	750	750	750	750	750
Tear Resistance (min. ave.)	ASTM D 1004	N	95	130	195	270	340	380
Puncture Resistance (min. ave.)	ASTM D 4833	N	280	380	550	690	850	990
Stress Crack Resistance	ASTM D 5397	hr.	300	300	300	300	300	300
Carbon Black Content	ASTM D 1603	%	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
Carbon Black Dispersion	ASTM D 5596	Category	1 or 2	1 or 2	1 or 2	1 or 2	1 or 2	1 or 2
Oxidative Induction Time (OIT) (min. ave.) • Standard OIT	ASTM D 3895	min.	100	100	100	100	100	100
Oven Aging at 85 °C • Standard OIT (min. ave.) % retained after 90 days	ASTM D 5721 ASTM D 3895	%	55	55	55	55	55	55
UV Resistance • High Pressure OIT (min. ave.) % retained after 1600 hrs	ASTM D 5885	%	-	-	-	-	-	-
STANDARD ROLL DIMENSIONS								
Roll Length		m	250	200	150	120	100	85
Roll Width		m	8,0					
Roll Area		m ²	2000	1600	1200	960	800	680

Above mentioned data are of informative character only. The manufacturer reserves the right to alter the specifications without prior notice. It is the responsibility of all users to satisfy themselves that the above specifications are current.

Other geosynthetic products:

Nonwoven geotextiles	geoNETEX A PP; geoNETEX A PP T; geoNETEX A PP TT; geoNETEX A PP HTS; geoNETEX S07; geoNETEX M; geoNETEX M/B; geoNETEX A PET
Woven geotextiles	Geojutex; Geojutex PET
Geomembranes	Junifol PELLD
Drainage products	PetexDren; Jutadrain C; Jutadrain M
Geogrids	Jutagrid
Bentonite mats	