

# 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			textured					
Thickness (min. ave.) • lowest individual for 8 out of 10 values • lowest individual for any of the 10 values	ASTM D 5994	mm	0,75 (-5 %) -10 % -15 %	1,0 (-5 %) -10 % -15 %	1,5 (-5 %) -10 % -15 %	2,0 (-5 %) -10 % -15 %	2,5 (-5 %) -10 % -15 %	3,0 (-5 %) -10 % -15 %
Asperity Height (min. ave.)	GM 12	mm	0,25	0,25	0,25	0,25	0,25	0,25
Density (min.)	ASTM D 1505	g/cm <sup>3</sup>	0,940	0,940	0,940	0,940	0,940	0,940
Tensile Properties (min. ave.)	ASTM D 6693 typ IV	kN/m	12	17	25	33	40	45
• yield strength		kN/m	19	29	38	50	65	75
• break strength		%	12	12	12	12	12	12
• yield elongation		%	750	750	750	750	750	750
• break elongation								
Tear Resistance (min. ave.)	ASTM D 1004	N	95	130	195	270	340	380
Puncture Resistance (min. ave.)	ASTM D 4833	N	260	330	520	640	810	930
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.) • High Pressure 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	%	-	-	-	-	-	-
<b>STANDARD ROLL DIMENSIONS</b>								
Roll Length		m	130	110	90	75	65	50
Roll Width		m	8,0					
Roll Area		m <sup>2</sup>	1040	880	720	600	520	400

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**