

# Certificate of conformity of the factory production control

**CE**  
**0099**

**0099/CPR/A42/0101**

In compliance with Construction Products Regulation 305/2011/EU of the European Parliament and of the Council, of 9 March 2011, the notified body AENOR (n 0099) has issued this certificate to

## **TEXSA SYSTEMS, S.L.U.**

registered office	PI CAN PELEGRI, CL FERRO, 7 08755 CASTELLBISBAL (Barcelona - España)
Construction Product	Geotextiles and geotextile - related products
Harmonized Standard	Specified in Annex to the Certificate
References	Specified in Annex to the Certificate
Production site	PI DE CERVERA, AV. ALTA RIBAGORÇA , 8 25200 CERVERA (Lleida - España)
Certification scheme	This certificate attests that all provisions under system 2+ concerning the assessment and verification of constancy of performance described in Annex ZA of the aforementioned harmonized standard are applied and that the factory production control fulfils all the prescribed requirements set out above.

This certificate will remain valid until its validity date, provided that the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

First issued on	2013-12-16
Last issued	2016-09-06
Validity date	2017-09-06

  
AENOR Asociación Española de Normalización y Certificación  
Avelino BRITO  
Chief Executive Officer

**AENOR**

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Génova, 6. 28004 Madrid. España  
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## Annex to Certificate

Harmonized Standard EN 13249:2000  
 EN 13249:2000/A1:2005  
 EN 13250:2000  
 EN 13250:2000/A1:2005  
 EN 13251:2000  
 EN 13251:2000/A1:2005  
 EN 13252:2000  
 EN 13252:2000/A1:2005  
 EN 13253:2000  
 EN 13253:2000/A1:2005  
 EN 13254:2000  
 EN 13254:2000/AC:2003  
 EN 13254:2000/A1:2005  
 EN 13255:2000  
 EN 13255:2000/AC:2003  
 EN 13255:2000/A1:2005  
 EN 13256:2000  
 EN 13256:2000/AC:2003  
 EN 13256:2000/A1:2005  
 EN 13257:2000  
 EN 13257:2000/AC:2003  
 EN 13257:2000/A1:2005  
 EN 13265:2000  
 EN 13265:2000/AC:2003  
 EN 13265:2000/A1:2005

Reference	Functions	Tensile Strength (kN/m, - kN/m)	Elongation (% <sub>0</sub> , +/-% <sub>0</sub> )	Static Puncture (kN, -kN)	Dynamic perforation resistance (mm, +mm)	Protection efficiency (kN/m <sup>2</sup> , -kN/m <sup>2</sup> )	Opening size (µm, +/-µm)	Water permeability normal to the plane (m/s, - m/s)	Durability (years)	After installation to be covered within:
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GEOLAND HT 120	F+S+R+P	6.5, -1.0; 11.4, -1.7	38, ±15; 39.3, ±15	1.5, -0.15	25, +5	11.63 * 10 <sup>3</sup> , -1.16 * 10 <sup>3</sup>	65, ±6.5	0.114, -0.0114	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 140	F+S+R+P	8, -5; 18, -14	103.5, ±6; 74, ±13	1.77, -1.52	12.8; 12.8	11.42 * 10 <sup>3</sup>	80, ±5	0.1169, -0.0994	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 150	F+S+R+P	8, -5; 18, -14	103.5, ±6; 74, ±13	1.77, -1.52	12.8; 12.8	11.42 * 10 <sup>3</sup>	80, ±5	0.1169, -0.0994	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 200	F+S+R+P	14, -6; 20, -12	133.2, ±10.1; 122.1, ±5.1	4, -1.7	3.6; 3.6	16.66 * 10 <sup>3</sup>	80, ±5	0.07098, -0.06671	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 250	F+S+R+P	17.5, -13; 26, -19	60, ±9; 52, ±7	3.350, -3.015	14; 14	16.66*10 <sup>3</sup> , 0	75, ±5	0.07067, -0.05929	>= 25 suelo natural 4<pH<9; T<25°C	1 MES

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GEOLAND HT 300	F+S+R+P	23, -12 ; 28, -15	109.4, ±8 ; 97.8, ±10.7	4.585, -3.890	2.3 ; 2.3	15.28 * 10 <sup>3</sup>	75, ±5	0.06145, -0.05323	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 350	F+S+R+P	24.8, -22 ; 29, -24.7	70, ±10 ; 72, ±8	4.9, -4.4	9 ; 11	15.28 * 10 <sup>3</sup>	61, ±5	0.06145, -0.05323	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 400	F+S+R+P	28, -25 ; 31, -26	72, ±8 ; 74, ±6	5.9, -5.3	7, +8	15.28 * 10 <sup>3</sup>	61, ±5	0.06145, -0.05323	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 500	F+S+R+P	38, -11 ; 50, -10	75, ±11.25 ; 77, ±12.75	9, -3.5	0, +2	1.55*10 <sup>4</sup> , 0	61, ±5	0.06112, -0.05626	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
GEOLAND HT 550	F+S+R+P	41, -9 ; 54, -9	85, ±12 ; 90, ±11	9.5, -3.5	0, +2	27.17*10 <sup>-3</sup>	55, ±5	0.04142, -0.012	>= 25 suelo natural 4<pH<9; T<25°C	1 MES

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GEOLAND MC 700	F+S+R+P	25, -7; 36, -9	75 ± 11.25; 71 ± 10.75	6, -2	0, +1	28.01*10 <sup>-3</sup> , - 2.8*10 <sup>-3</sup>	90, ±5	0.044, - 0.005	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
GEOLAND SHT 1000	F+S+R+P	50, -41 ; 77, - 70	126.40, ± 8.61; 93.40, ± 4.80	9.9, -3	0	2.94*10 <sup>-4</sup> , 0	48, ±5	0.04622, - 0.03731	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
GEOLAND SHT 1200	F+S+R+P	70.5, - 50; 106, - 72	126.43, ±3.77; 86.46, ±4.71	11.5, - 8.0	0	4.5*10 <sup>-2</sup> , 0	53, ±5	0.03835, - 0,02951	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
GEOLAND SHT 600	F+S+R+P	38, -28 ; 57, - 41	107.77, ±7.23; 89.30, ±3.92	8.48, - 6.10	0	2.37*10 <sup>-2</sup> , 0	59, ±6	0.05901, - 0.04589	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
GEOLAND SHT 650	F+S+R+P	35.5, - 26; 73, -54	125, ± 15 ; 82, ±15	10.5, -7	0	2.43*10 <sup>-4</sup> , 0	60, ±6	0.05764, - 0.04611	>= 25 suelo natural 4<pH<9; T<25°C	24 horas

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POLIPROPILE NO 100% 1000 grs (L-3)	F+S+R+P	50, -41 ; 77, -70	126.40, ± 8.61 ; 93.40, ± 4.80	9.9, -3	0	2.94*10 <sup>4</sup> , 0	48, ±5	0.04622, - 0.03731	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
POLIPROPILE NO 100% 1200 grs (L-3)	F+S+R+P	70.5, -50 ; 106, -72	126.43, ±3.77 ; 86.46, ±4.71	11.5, -8.0	0	4,5*10 <sup>2</sup> , 0	53, ±5	0.03835, - 0,02951	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
POLIPROPILE NO 100% 150 grs	F+S+R+P	8, -5 ; 18, -14	103.5, ±6 ; 74, ±13	1.77, -1.52	12.8 ; 12.8	11.42 * 10 <sup>3</sup>	80, ±5	0.1169, - 0.0994	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
POLIPROPILE NO 100% 200 grs (L-3)	F+S+R+P	14, -6 ; 20, -12	133.2, ±10.1 ; 122.1, ±5.1	4, -1.7	3.6 ; 3.6	16.66 * 10 <sup>3</sup>	80, ±5	0.07098, - 0.06671	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
POLIPROPILE NO 100% 300 grs (L-3)	F+S+R+P	23, -12 ; 28, -15	109.4, ±8 ; 97.8, ±10.7	4.585, -3.890	2.3 ; 2.3	15.28 * 10 <sup>3</sup>	75, ±5	0.06145, - 0.05323	>= 25 suelo natural 4<pH<9; T<25°C	1 MES

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POLIPROPILE NO 100% 500 grs (L-3)	F+S+R+P	28, -12 ; 38, -22	117.29, ± 12.6 ; 79.12, ±7.1	9, -3.5	2, +2	1.55*10 <sup>4</sup> , 0	61, ±5	0.06112, - 0.05626	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
POLIPROPILE NO 100% 600 grs (L-3)	F+S+R+P	38, -28 ; 57, -41	107.77, ±7.23 ; 89.30, ±3.92	8.48, - 6.10	0	2.37*10 <sup>-2</sup> , 0	59, ±6	0.05901, - 0.04589	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
POLIPROPILE NO 100% 650 grs (L-3)	F+S+R+P	35,5, -26 ; 73, -54	125, ± 15 ; 82, ±15	10.5, -7	0	2.43*10 <sup>4</sup> , 0	60, ±6	0.05764, - 0.04611	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
PPC 500M	F+S+R+P	8, -5 ; 18, -14	103.5, ±6 ; 74, ±13	1.77, - 1.52	12.8 ; 12.8	11.42 * 10 <sup>3</sup>	80, ±5	0.1169, - 0.0994	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
PPC 700 M	F+S+R+P	8, -5 ; 18, -14	103.5, ±6 ; 74, ±13	1.77, - 1.52	12.8 ; 12.8	11.42 * 10 <sup>3</sup>	40, ±5	0.00609, - 0.00454	>= 25 suelo natural 4<pH<9; T<25°C	1 MES

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PPC 750 M	F+S+R+P	12, -8.9 ; 18.9, -14	80, ± 12 ; 60, ± 9	2.42, -1.98	10 ; 8	11.42 * 10 <sup>3</sup> , 0	40, ±5	0.00609, -0.00454	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
P.P.V. 350 grs (L-3)	F+S+R+P	15.9, -8 ; 25.8, -19	113.4, ± 7 ; 88.25, ± 9	3.6, -2.5	4, +1	2.17*10 <sup>3</sup> , 0	85, ±6	0.10475, -0.09388	>= 25 suelo natural 4<pH<9; T<25°C	24 horas
PPV 500 M	F+S+R+P	8, -5 ; 18, -14	103.5, ±6 ; 74, ±13	1.77, -1.52	12.8 ; 12.8	11.42 * 10 <sup>3</sup>	80, ±5	0.1169, -0.0994	>= 25 suelo natural 4<pH<9; T<25°C	1 MES
PPV 700 M	F+S+R+P	8, -5 ; 18, -14	103.5, ±6 ; 74, ±13	1.77, -1.52	12.8 ; 12.8	11.42 * 10 <sup>3</sup>	40, ±5	0.00609, -0.00454	>= 25 suelo natural 4<pH<9; T<25°C	1 MES

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