GEOPLUS® - UTJECAJ NA OKOLIŠ

Smola Uretek Geoplus® ne zagađuje. Nezagađeno tlo obuhvaćeno Geoplus® smolom ostaje takvo u skladu sa normom D.M. 471/99.

Tablica 1. Rezultati ispitivanja otpornosti u vodi zasićenoj s CO2 izvedenog na uzorku smole Geoplus®.

Naziv	Koncentracija (µg/l)	Granična vrijednost (µg/l) (D.M.471/99)
Metali		
Aluminij (Al)	< 10	200
Antimon (Sb)	< 0.5	5
Arzen (As)	< 1	10
Srebro (Ag)	< 1	10
Berilij (Be)	< 0.1	4
Kadmij (Cd)	< 0.1	5
Kobalt (Co)	< 0.1	50
Krom VI (Cr)	< 5	5
Krom (Cr)	< 1	50
Željezo (Fe)	< 5	200
Mangan (Mn)	1	50
Živo srebro (Hg)	< 0.1	1
Nikal (Ni)	< 1	20
Olovo (Pb)	1	10
Bakar (Cu)	1	1000
Selenij (Se)	< 0.1	10
Talij (Tl)	< 1	2
Cink (Zn)	24	3000
Anorganski ojačivači		
Bor (B)	35	1000
Slobodni cianidi	< 5	50
Fluoridi	< 250	1500
Nitriti	< 50	500
Sulfati (mg/l)	< 1.0	250
Aromatični organski spojevi		
Benzen	< 0.1	1
Etilbenzen	< 0.1	50
Stiren	< 0.1	25
Toluen	< 0.1	15
Ksileni	< 0.1	10
Kancerogeni klorirani alifatski spojevi		
Klorometan	< 0,1	1.5
Triklorometan	< 0.1	0.15
Vinil klorid	< 0.1	0.5
1,2-Dikloroetan	< 0.1	3
1,1-Dikloroetilen	< 0.05	0.05
1,2-Dikloropropan	< 0.1	0.15
1,1,2-Trikloretan	< 0.1	0.2
Trikloroetilen	< 0.1	1.5
1,2,3-Trikloropronan	< 0.001	0.001
1,1,2,2 Tetrakloroetan	< 0.05	0.05
Tetrakloroetilen (PCE)	< 0.1	1.1
Heksaklorobutadien	< 0.1	0.15
Ukupno organski halogeni	< 10	10
Nekancerogeni klorirani alifatski spojevi		
1,1-Dikloroetan	< 0.1	810
1,2-Dikloroetilen (Cis+Trans)	< 0.2	60
Kancerogeni halogenirani alifatski spojevi		
Tribromometan (Bromoform)	< 0.1	0.3
1,2-Dibromoetan	< 0.001	0.001
Dibromoklorometan	< 0.1	0.130
Bromodiklorometan	< 0.1	0.17

Naziv	Koncentracija (µg/l)	Granična vrijednost (µg/l) (D.M.471/99)
Nitrobenzeni		
Nitrobenzen	< 0.5	3.5
1,2-Dinitrobenzen	< 0.5	15
1,3-Dinitrobenzen	< 0.5	3.7
2-Kloronitrobenzen	< 0.2	0.5
3-Kloronitrobenzen	< 0.2	0.5
4-Kloronitrobenzen	< 0.2	0.5
Klorobenzeni		
Monoklorobenzen	< 0.1	40
1,2-Diklorobenzen	< 0.1	270
1,4-Diklorobenzen	< 0.1	0.5
1,2,4-Triklorobenzen	< 0.1	190
1,2,4,5-Tetraklorobenzen	< 0.1	1.8
Pentaklorobenzen	< 0.1	5
Heksaklorobenzen	< 0.01	0.01
Fenoli i Klorofenoli		
2-Klorofenol	< 1	180
2,4-Diklorofenol	< 1	110
2,4,6-Triklorofenol	< 0.5	5
Pentaklorofenol	< 0.5	0.5
Aromatični amini		
Anilin	< 0.1	10
Difenilamin	< 0.1	910
p-toluidin	< 0.1	0.35
Pesticidi		
Alaklor	< 0.05	0.1
Aldrin	< 0.03	0.03
Atracin	< 0.05	0.3
Alfa-heksakloroheksan	< 0.05	0.1
Beta-heksakloroheksan	< 0.05	0.1
Gamma-heksakloroheksan (lindan)	< 0.05	0.1
Klordan	< 0.05	0.1
DDD, DDT, DDE	< 0.05	0.1
Dieldrin	< 0.03	0.03
Endrin	< 0.05	0.1
Ukupno pesticidi	< 0.5	0.5
Dioksini i furani		
Ukupno PCDD, PCDF (ng/l)	< 0.0022	0.004
Aromatski policikli		
1) Benzo (a) Antracen	< 0.01	0.1
2) Benzo (a) Piren	< 0.01	0.01
3) Benzo (b) Fluoranten	< 0.01	0.1
4) Benzo (k) Fluoranten	< 0.01	0.05
5) Benzo (g,h,I) Perilen	< 0.01	0.01
6) Krisen	< 0.01	5
7) Dibenzo (a,h) antracen	< 0.01	0.01
8) Indeno (1,2,3-c,d) Piren	< 0.01	0.1
9) Piren	< 0.01	50
Ukupno 3,4,5,8	< 0.1	0.1
Ostale tvari		
PCB	< 0.01	0.01
Akrilamid	< 0.1	0.1
Ukupno ugljikovodici (n-heksan)	< 10	350
Paraftalna kiselina	< 1000	37000

Certifikat o ekološkoj sukladnosti sa Sveučilišta u Padovi