

Calculation BPAF releases(BPAF consortium-ETRMA)

Scenario	Amount FKM placed on the market (T)	% in aqueous contact		Residual concentration
Service life RO2 modelling	9000	10%		1.50E-04
Service life RO2 OECD ESD	9000	10%		1.50E-04
End of life RO2 modelling	9000	24%	*	1.50E-04
End of life RO2 OECD ESD	9000	24%	*	1.50E-04
Total release RO2 modelling				
Total release RO2 OECD ESD				

* Estimated fraction going to landfill

Leached fraction over 20 years	Margin of Safety modelling	Leached quantity over 20 years for product placed on the market in 1 year (in kg)	Cumulated releases installed stock 20 years (in kg)
0.17%	10	2.30E+00	4.59E+01
3.20%	1	4.32E+00	8.64E+01
0.039%	10	1.26E+00	2.53E+01
3.20%	1	1.04E+01	2.07E+02
		3.56E+00	7.12E+01
		1.47E+01	2.94E+02

Fraction not eliminated in WWTP (39%) (kg)
1.79E+01
3.37E+01
9.86E+00
8.09E+01
2.78E+01
1.15E+02