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Disposal of used reverse osmosis, nanofiltration and ultrafiltration membrane elements

This Bulletin provides general information on disposal of used reverse osmosis, nanofiltration and ultrafiltration membrane elements made by JSC “RM Nanotech”.

Disposal

Users shall be responsible for disposal of membrane elements made by JSC “RM Nanotech” in accordance with all local and international regulations. Used membrane elements made by JSC “RM Nanotech” can be disposed as household waste, provided that the free liquid or hazardous substances contained therein do not exceed the permissible limits. If user wants to receive more detailed information about options for disposal of membrane elements made by JSC “RM Nanotech”, the composition of the **unused** reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) spiral wound membrane elements made by JSC “RM Nanotech” is indicated in the chart below:

8040 Element composition		4040 Element composition	
Raw material	Weight (kg)	Raw material	Weight (kg)
Polysulfone	0.88	Polysulfone	0.29
Polyester	5.59	Polyester	1.86
Polypropylene	1.58	Polypropylene	0.53
Polyurethane	2.17	Polyurethane	0.72
Epoxy adhesive	0.75	Epoxy adhesive	0.25
Fiber-glass	1.28	Fiber-glass	0.43
Polystyrene	1.15	Polystyrene	0.38
Polyamide	0.05	Polyamide	0.02
Polyvinylchloride	0.1	Polyvinylchloride	0.03
Food grade rubber	0.032	Food grade rubber	0.01
Heavy metals	~	Heavy metals	~

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