

INTERNATIONAL PRODUCTS CORPORATION

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LF2100® FILTER MEMBRANE COMPATIBILITY

100% LF2100, Room Temperature, 24 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
100% LF2100	Δ Mass	0.5%	0.4%	0.4%	0.9%	0.3%	0.3%	0.0%
	Δ Surface Area	0.0%	0.1%	0.1%	0.5%	0.0%	0.0%	1.3%
Water (Control)	Δ Mass	0.7%	0.2%	0.1%	0.4%	0.3%	-0.1%	0.0%
	Δ Surface Area	0.0%	0.2%	0.2%	1.0%	0.0%	0.0%	2.3%

2% LF2100, Room Temperature, 24 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
2% LF2100	Δ Mass	-0.3%	0.1%	0.4%	0.7%	0.7%	0.4%	0.1%
	Δ Surface Area	0.0%	0.2%	0.2%	0.9%	0.0%	0.0%	2.2%
Water (Control)	Δ Mass	0.7%	0.2%	0.1%	0.4%	0.3%	-0.1%	0.0%
	Δ Surface Area	0.0%	0.2%	0.2%	1.0%	0.0%	0.0%	2.3%

100% LF2100, 40C, 24 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
100% LF2100	Δ Mass	1.4%	0.3%	0.1%	0.8%	0.3%	0.2%	0.0%
	Δ Surface Area	0.0%	0.3%	0.2%	1.0%	0.0%	0.0%	0.0%
Water (Control)	Δ Mass	0.8%	0.4%	0.0%	0.9%	0.5%	0.4%	0.1%
	Δ Surface Area	0.0%	0.3%	0.3%	1.6%	0.0%	0.0%	0.5%

2% LF2100, 40C, 24 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
2% LF2100	Δ Mass	-0.1%	0.3%	0.0%	0.9%	0.3%	0.5%	0.0%
	Δ Surface Area	0.0%	0.3%	0.2%	1.4%	0.0%	0.0%	0.4%
Water (Control)	Δ Mass	0.8%	0.4%	0.0%	0.9%	0.5%	0.4%	0.1%
	Δ Surface Area	0.0%	0.3%	0.3%	1.6%	0.0%	0.0%	0.5%

100% LF2100, Room Temperature, 288 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
100% LF2100	Δ Mass	0.2%	0.4%	0.4%	1.2%	0.2%	0.3%	-0.1%
	Δ Surface Area	0.0%	0.5%	0.2%	1.4%	0.0%	0.0%	-0.4%
Water (Control)	Δ Mass	0.9%	0.2%	0.1%	1.5%	0.3%	0.0%	0.0%
	Δ Surface Area	0.0%	0.6%	0.4%	2.7%	0.0%	0.1%	-0.5%

2% LF2100, Room Temperature, 288 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
2% LF2100	Δ Mass	-0.1%	0.1%	0.3%	1.6%	0.5%	0.7%	0.0%
	Δ Surface Area	0.0%	0.5%	0.3%	2.5%	0.0%	0.0%	-1.9%
Water (Control)	Δ Mass	0.9%	0.2%	0.1%	1.5%	0.3%	0.0%	0.0%
	Δ Surface Area	0.0%	0.6%	0.4%	2.7%	0.0%	0.1%	-0.5%

100% LF2100, 40C, 288 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
100% LF2100	Δ Mass	0.2%	0.6%	0.2%	1.4%	0.2%	0.0%	0.0%
	Δ Surface Area	0.0%	0.7%	0.3%	2.6%	0.0%	0.0%	-3.8%
Water (Control)	Δ Mass	0.7%	0.5%	0.1%	2.7%	0.4%	0.3%	0.0%
	Δ Surface Area	0.0%	0.8%	0.4%	4.5%	0.0%	0.0%	-3.6%

2% LF2100, 40C, 288 Hours

		Polypropylene	Polyamide-imide	Polysulfone	Polyaramide	Zirconia	Alumina	Cellulose Acetate
2% LF2100	Δ Mass	0.0%	0.4%	0.1%	2.2%	0.3%	0.3%	0.0%
	Δ Surface Area	0.1%	0.8%	0.4%	4.3%	0.0%	0.0%	-4.4%
Water (Control)	Δ Mass	0.7%	0.5%	0.1%	2.7%	0.4%	0.3%	0.0%
	Δ Surface Area	0.0%	0.8%	0.4%	4.5%	0.0%	0.0%	-3.6%