



Fractional Efficiency Report: jx136-fr-nano_0002.frac.pal

Fractional Efficiency
 22/06/2020 13:54:34
 User: E
 type: JX136-FR-NANO
 media:
 project number:
 customer: JP
 book number:
 note: 2,75 l/min UGF 100% DEHS
 remark:

Test Conditions

Filter Area:	100 cm ²	Dust/Aerosol:	DEHS
Face Velocity:	5.3 cm/s	Discharge:	No
Dust Mass Concentration:	0.0 mg/m ³	Total Volume Flow:	31.8 l/min
PDI_TEST Start:	82 Pa	PDI_TEST End:	83 Pa

Statistics

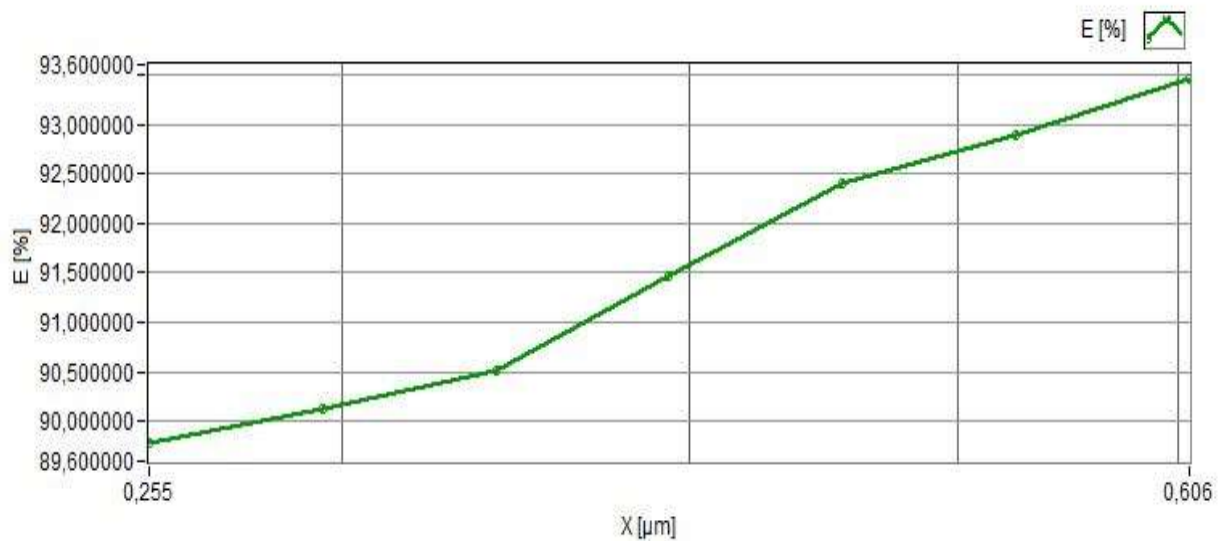
x50 = 0,247 µm x80 = 0.253 µm x95 = NaN µm Retention = 89.828 %

1 x Downstream measurement: 165 s - 1 x Upstream measurement: 165 s

Fractional Efficiency ▾

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 Fractional Efficiency

100% * (1 - dNdownstr./t)



Frac. Efficiency Table

Xu [μm]	X [μm]	Xo [μm]	dX [μm]		dNup [P/s]	dNdown [P/s]		P [%]	E [%]
0.237	0.255	0.274	0.037		2921.573	312.274		10.221859	89.778141
0.274	0.295	0.316	0.042		2522.026	262.596		9.880033	90.119967
0.316	0.341	0.365	0.049		1299.216	124.269		9.492591	90.507409
0.365	0.393	0.422	0.057		509.815	45.142		8.538275	91.461725
0.422	0.454	0.487	0.065		149.437	11.870		7.603207	92.396793
0.487	0.525	0.562	0.075		50.434	2.984		7.112779	92.887221
0.562	0.606	0.649	0.087		24.536	1.408		6.532186	93.467814