

MICROFILT LASER **DISC FILTER**

EXCELLENT FILTRATION PERFORMANCE



MICRO/ DISC FILTER





AROUND packaging AROUND measuring AROUND recycling



VOLKER BRAUN

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BRAUN

HIGH FILTRATION PERFORMANCE PROFITABILITY PELLET QUALITY



Thousands of conical drilled micro holes are available on the filter screen surface. Under pressure, contamination is discharged by scraping without permitting to pass through the filter. By this way, black dots formed as a result of elastic form and degradation are removed without allowing any passages.

A system of a technology marvel enables exact cleanliness, transforms the product into practical and useful form by discharging the contamination continuously thanks to micro conical holes.



Removes contamination Eliminates operator role

Washed Post Consumer (LDPE-LLDPE)







INLET

CONTAMINATION

OUTLET

Washed Film (LDPE-LLDPE)



Washed Post Consumer PP Woven



INLET

CONTAMINATION

OUTLE

HDPE Regrinds



INLET

CONTAMINATION

OUTLET



PROVIDES PROFITS IN EVERY ASPECT

 \checkmark The filtration opportunity along with 150,200,250,300,350 μ hole dia.

✓ Paper,wood, dust, rubber, silicone, polyester, unmelted particles and black dots composed of degradation are removed from the polymer.







PROFIT FROM



PROFIT FROM CAPACITY DIFFERENCE



PROFIT FROM ENERGY SAVINGS



PROFIT FROM



BENEFITS

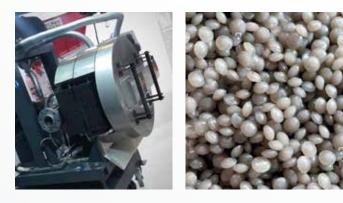




HIGHER QUALITY APPLICATIONS

Minimum Melt Loss, Maximum Contamination Discharge





As a result of the application;

Reduced blackdots on the surface Increased line speed Decreased labor cost



LDF Performance Series

Microfilt Disc Filter



LDF SERIES

Microfilt Disc Filter MODELS **Technical Data** LDF 300 **LDF 500** □ Filtration Surface Area 1150 cm² 2450 cm² Disc Diameter 300 mm x 2 500 mm x 2 300 - 600 kg/h 700 - 1500 kg/h □ Capacity 250 bar □ Max. Pressure 250 bar 150 / 200 / 250 / 300 / 350 μ □ Filter Hole Diameter 150 / 200 / 250 / 300 / 350 µ





- » Production without frequent screen changes for weeks.
- » Elimination of operator sourced capacity reduction, late filter replacement and constant operator control.
- » Prevention of annual tonnes of plastic loss
- » Maximum output, minimised melt plastic loss
- » Ensuring higher quality product by means of micro conical holes
- » Increase of profitability rate and extruder capacity in highly contaminated products

- Decrease of energy and labor cost expenses
- » Boost of plastification and product brightness thanks to pushing force by micro holes
- » Rise of profit rates by means of high added value products due to continuous automatic filtration specialty.
- » Full automatic operation system and continuous separation of the contamination from the melt plastic.



WHY MICROFILT LASER DISC FILTER?





Extensive Product Information with your Smart Device

MICROFILT LASER **DISC FILTER**

EXCELLENT FILTRATION PERFORMANCE





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