

FLAKE PURIFIER PO

The high-end sorting system
for Polyolefins

CMN

Sensors

2.048
mm

Working width

4–20
mm

Grain size

Powerful

- Very high material throughput of up to 5.5 t/h
- Fine valve grid for precise ejection of contaminants
- Optimized NIR technology for the detection of polyolefins
- Reliable color detection

Flexible

- Flexible sensor configuration for precise ejection
- Later sensor upgrades possible
- Up to 4 different sorting tasks on one device

User-friendly

- Optimized for quick maintenance tasks
- Low cleaning effort due to self-cleaning function



Application for sorting flakes
and regrind materials in
plastic recycling

Free consultation

www.sesotec.com/en/contact



Technical data

Working width [mm]	2048
Throughput up to [t/h]	5.5
Number of valves	480
Valve grid [mm]	4.26
Suitable grain sizes [mm]	4–20
Power [max. KVA]	4
Temperature range	+5°C to +40°C
Protection class	IP 54

Available options

NIR upgrade	Extended wavelength of the NIR sensor for sorting typical impurities in PET material
Sensor upgrade	Pre-wiring for potential sensor upgrades
Connection set	Set consisting of infeed hopper, level sensors with speed control, and discharge chutes
Dust and Label Extraction	Connections for suctioning off dust and labels
VISUDESK visualization software	Web-based visualization of Sesotec systems via OPC UA

Areas of application

Sensor combination/application	C	N	CM	CN	CMN
Main application	Pre-sorting				
Plastic sorting		++		++	++
Color sorting	+++		+++	+++	+++
Metal separation	+		+++	+	+++