



# Likemore Tech Product Catalogue

Microplastic and nanoplastic reference materials, stainless-steel filter membranes, and testing services for environmental research.

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## Product Overview

Likemore Tech provides microplastic and nanoplastic reference materials in powder and suspension formats. Product specifications can be customized according to polymer type, particle size, concentration, fluorescence, surface functionalization, and packaging requirements.

## Powder Standards

Product	Polymer / Material	Form	Available specifications	Applications
PE Micro/Nanoplastic Powder Standards	PE	Powder	500nm, 1µm, 3µm, 5µm, 10µm, 20µm, Custom sizes available	Recovery tests, method validation, filtration validation
PET Micro/Nanoplastic Powder Standards	PET	Powder	100nm, 200nm, 300nm, 400nm, 500nm, 1µm, 3µm, 5µm, 8µm, 10µm, 15µm, 20µm, 25µm	Recovery tests, method validation, filtration validation
PLA Micro/Nanoplastic Powder Standards	PLA	Powder	100nm, 200nm, 300nm, 400nm, 500nm, 1µm, 3µm, 5µm, 8µm, 10µm, 15µm, 20µm, 25µm	Recovery tests, method validation, filtration validation
PMMA Micro/Nanoplastic Powder Standards	PMMA	Powder	100nm, 200nm, 300nm, 400nm, 500nm, 1µm, 3µm, 5µm, 8µm, 10µm, 15µm, 20µm, 25µm	Recovery tests, method validation, filtration validation
PP Micro/Nanoplastic Powder Standards	PP	Powder	500nm, 1µm, 3µm, 5µm, 10µm, 20µm, Custom sizes available	Recovery tests, method validation, filtration validation
PS Micro/Nanoplastic Powder Standards	PS	Powder	100nm, 200nm, 300nm, 400nm, 500nm, 1µm, 3µm, 5µm, 8µm, 10µm, 15µm, 20µm, 25µm	Recovery tests, method validation, filtration validation
PVC Micro/Nanoplastic Powder Standards	PVC	Powder	100nm, 200nm, 300nm, 400nm, 500nm, 1µm, 3µm, 5µm, 8µm, 10µm, 15µm, 20µm, 25µm	Recovery tests, method validation, filtration validation

## Particle Suspensions

Product	Polymer / Material	Form	Available specifications	Applications
Monodisperse PET Micro/Nanoplastic Suspension	PET	Aqueous suspension	50nm 5mg/mL, 80nm 5mg/mL, 100nm 5mg/mL, 50-300nm 5mg/mL, 50-300nm 10mg/mL, 100nm 10mg/mL	Exposure studies, method development, calibration
Monodisperse PMMA Micro/Nanoplastic Suspension	PMMA	Aqueous suspension	100nm, 200nm, 300nm, 400nm, 500nm, 1µm, 3µm, 5µm, 8µm, 10µm, 15µm, 20µm, 25µm	Exposure studies, method development, calibration
Monodisperse PS Micro/Nanoplastic Suspension	PS	Aqueous suspension	Nanoplastic sizes available, Microplastic sizes available	Exposure studies, method development, calibration

## Fluorescent Standards

Product	Polymer / Material	Form	Available specifications	Applications
Fluorescent PE Micro/Nanoplastic Particles	PE	Fluorescent suspension	50nm, 100nm, 200nm, 300nm, 500nm, 1µm, 2µm, 5µm, 10µm, 15µm, 20µm, 50µm, 100µm, PS-COOH functionalized particles, PS-NH <sub>2</sub> functionalized particles	Particle tracking, recovery experiments, imaging-based analysis
Fluorescent PET Micro/Nanoplastic Particles	PET	Fluorescent suspension	50nm, 100nm, 200nm, 300nm, 500nm, 1µm, 2µm, 5µm, 10µm, 15µm, 20µm, 50µm, 100µm, PS-COOH functionalized particles, PS-NH <sub>2</sub> functionalized particles	Particle tracking, recovery experiments, imaging-based analysis
Fluorescent PS Micro/Nanoplastic Particles	PS	Fluorescent suspension	50nm, 100nm, 200nm, 300nm, 500nm, 1µm, 2µm, 5µm, 10µm, 15µm, 20µm, 50µm, 100µm, PS-COOH functionalized particles, PS-NH <sub>2</sub> functionalized particles	Particle tracking, recovery experiments, imaging-based analysis

## Customized Standards

Product	Polymer / Material	Form	Available specifications	Applications
Customized Microplastic and Nanoplastic Standards	Custom	Powder or suspension	Custom sizes available	Custom reference materials for research

## Filtration Membranes

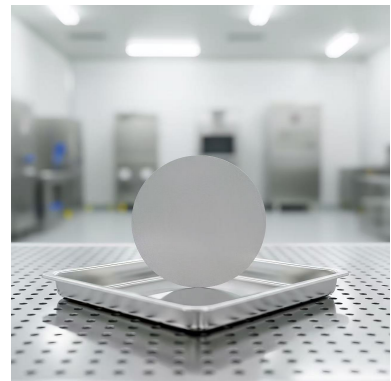
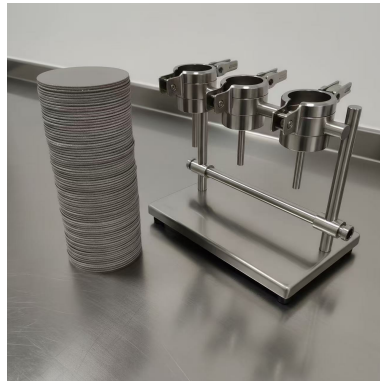
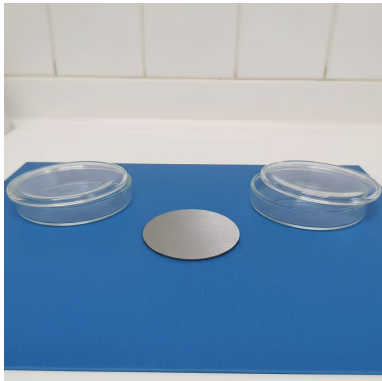
Product	Polymer / Material	Form	Available specifications	Applications
Customized Stainless-Steel Filter Membranes / Mesh Filters	Stainless steel	Membrane / mesh filter	Custom sizes available	Microplastic filtration, enrichment, sample pretreatment
Customized Stainless-Steel Filter Membranes / Mesh Filters	Stainless steel	Membrane / mesh filter	Please contact us for specifications	Microplastic filtration, enrichment, sample pretreatment

## Testing Service

Product	Polymer / Material	Form	Available specifications	Applications
Microplastic Testing Service	Multiple polymers	Analytical service	Please contact us for specifications	Polymer identification, composition analysis, research report

# Stainless-Steel Filter Membrane Gallery

Customized stainless-steel filter membranes and mesh filters for microplastic filtration, enrichment, and laboratory sample pretreatment.



## Contact and Inquiry

For quotation, customized specifications, product catalogue, and technical details, please contact us by email, WeChat, or WhatsApp. Customized particle sizes, concentrations, fluorescent products, and filter membrane formats are available upon request.