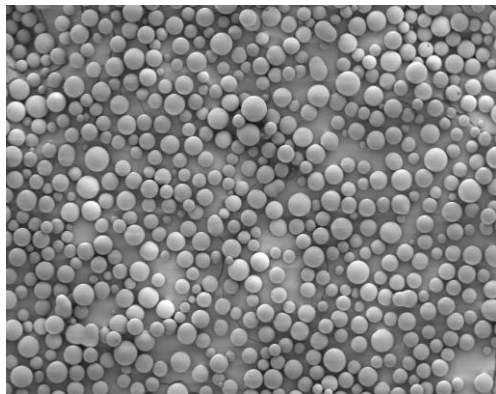


Polymer Particle

- ◆ Capable of making spherical polymer particles
- ◆ Expect to improve properties by adding high performance polymer particles
- ◆ Applicable to a variety of polymers

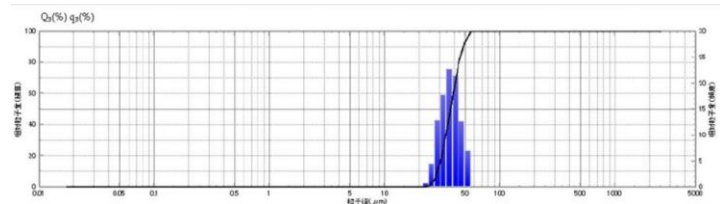
OVERVIEW

Polymer particles manufacturing technique for unique polymers: engineer plastics, super engineer plastics, bio-degradable plastics



PES polymer particle manufactured by this technique

← SEM image ↓ Particle size distribution

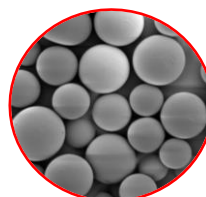


FEATURE

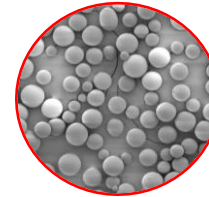
Controllable particle size

Sub μm ~ 100 μm

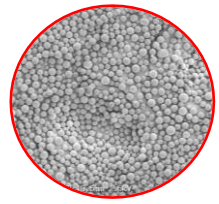
SEM images of PES with various particle size



100 μm



40 μm

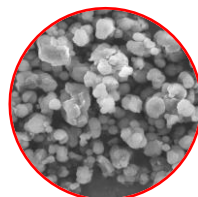


15 μm

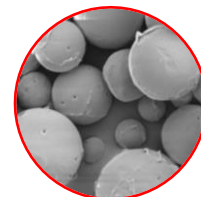
Applicable to a variety of polymers

Application example

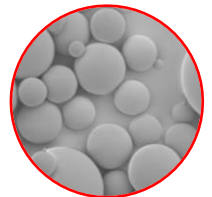
PES、PPE、PAI、PEI、PAR、PA、PLA、TPC etc..



PPE



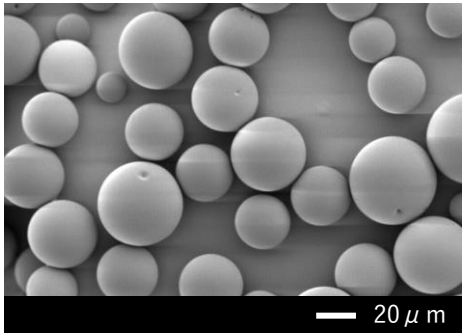
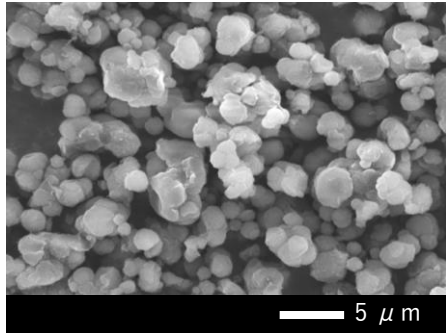
PAI



PEI

Contact information

PRODUCT LINEUP

	PES Poly ether sulfone	PPE Poly Phenylene ether
SEM像		
Particle size	0.5 ~ 100 μ m	1 ~ 20 μ m
Density	1.37	1.04
Tg	225°C	214 °C
Thermal decomposition temp.	442°C	> 400°C
Refractive index	1.65	—
Permittivity (10GHz)	—	2.4
Dielectric tangent (10GHz)	—	0.0029
Appearance	Powder · Slurry	Powder · Slurry

CUSTOM MANUFACTURING

With this technique, we can manufacture polymer particles upon your request.

Please contact us, if you have any requests.

Contact information