

## PTFE Micro Powder - FLUORON™ 12SW

### Description

FLUORON™ 12SW is a finely divided Polytetrafluoroethylene micro powder produced by radiation. Resulted from the low surface energy and the typical features of fluoropolymers, FLUORON™ 12SW is typically added at 5-20% levels to improve the wearing properties and performance of other materials such as thermoplastics and rubbers, or to improve the anti-adhesive properties of lubricants.

The plastics and rubbers that FLUORON™ 12SW is applicable for include polycarbonate, polyamide, polyester, polyimide, PEEK, etc.

Please refer to the table below for some of the physical properties of FLUORON™ 12SW.

### Typical Physical Properties

Properties	Standard	Units	Limits	Typical Values
Bulk Density	ASTM D4895	g/l	225-600	425
Melting Point	ASTM D4894	°C	325±5	325
Average Particle Size	Laser Beam	μ m	8-20	D <sub>10</sub> <3, D <sub>50</sub> <12, D <sub>90</sub> <25
Specific Surface Area	ASTM D4567	m <sup>2</sup> /g	0.8-4.5	1.5-3
Appearance			White	White

### Package

25kg each Drum.