SHAMROCK

TECHNICAL DATA

MicroFlon 123

Slip / Rub Resistance

Product Description

MicroFlon 123 is a process-controlled PTFE powder optimized for high performance in thin film applications.

Applications / Benefits

MicroFlon 123 offers exceptional rub and slip performance when used alone or in combinations with softer waxes. Due to a low average particle size and very narrow distribution, MicroFlon 123 is mostly recommended for thin film applications like printing inks, can coating, metal deco.

Recommended Level

1 - 2% per total weight.

Typical Properties	Method	Typical Values	Units
- Appearance:	Visual	off-white powder	
- Specific Gravity:	ASTM-D 2320	2.1 - 2.2	g/cm³
- Bulk Density:	QSOP*-13	200 - 500	g/l
- Particle Size Mean Value:	Laser Diffraction Microtrac	3 - 4	µm
- 99% of Particle under:	Laser Diffraction Microtrac	15	µm
- NPIRI Grind:	QSOP*-1	2.0 max	NPIRI Grind
- Hegman Grind:	QSOP*-111	7.0	Hegman Grind
- DSC Melting Point:	ASTM D-4591 (PTFE)	608 / 320	°F/°C

Regulatory Status

The Components of this product are listed on the TSCA (USA), DSL (Canada), AICS (Australia), Japanese, Korean, Chinese, Philippine, & New Zealand Chemical Inventories.
EINECS (Europe): All Components of this product (or its monomers) are listed/exempted in the Chemical Inventory.

Shipping and Handling

Call Shamrock Customer Service at (973) 242-2999.

Safety

Please read Material Safety Data Sheet (MSDS) before using.

** QSOP represents Shamrock's Quality Standard Operating Procedure*

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