

TIOLON NFX-20

NON FLAMMABLE PTFE MOLD RELEASE & LUBRICANT

Low VOC, Low Friction, Reach Compliant & No Greenhouse Gas

Tiolon NFX-20 is a NON FLAMMABLE PTFE lubricant designed for areas requiring release properties and low friction. Tiolon NFX-20 is an excellent release agent and is a superior dry film lubricant for use in injection mold applications. Tiolon NFX-20 can be used to lubricate aluminum anodize by impregnating itself to the oxide layer. This can be a great advantage to extend the wear life, corrosion and chemical resistance, and in addition provide excellent release characteristics.

CURING:

Tiolon NFX-20 is PTFE dispersed in solvent. It air dries in three minutes and when dry, this lubricant is ready for use. Employ the customary safe guards in storing, handling. Tiolon NFX-20 is supplied in aerosol or bulk form ready to use.

SURFACE PREPARATION:

Before applying Tiolon NFX-20, substrates to be coated should be clean and dry, free from contamination and residues such as dirt, grease or dust.

APPLICATION

Apply Tiolon NFX-20 to any clean dry surface. This PTFE lubricant does not affect heat-sensitive substrates such as light metals, wood, rubber, and most plastics.

ADVANTAGES:

Dries in minutes with a very thin film. There is no transfer or build up and can be used as a release agent. It has excellent Lubricity and exceptional mold release for rubber.

PHYSICAL PROPERTIES

LUBRICANT	PTFE	COVERAGE	500 sq. ft./gal @ 0.0004 in
BINDER	None		(12.227 sq. meters/liter)
CONSISTENCY	Ready to use	COEFFICIENT OF FRICTION	0.06 to 0.09 static
DENSITY	1.5 g/ml	TEMPERATURE RANGE	425°F
FLASH POINT	N/A	INTERMITTENT TEMPERATURE	500°F
SHELF LIFE	One Year	FILM THICKNESS	under 0.0001 in