

# Poly 109

Moulding release of thermoplastics

## 1. DESCRIPTION

Poly 109 is a high performance silicone release agent of thermoplastics, polystyrene, PVC, polyethylene etc.

Due to its good upper spreading, Poly 109 gives a very thin colourless film withstanding a temperature of 230°C.

## 2. ADVANTAGES

- Easy to use - no open containers to spill!
- Simple application - shake and spray.
- Improved mould life by aiding mould release

## 3. APPLICATIONS

Poly 109 is also recommended in extrusion processing (die lips) or in rubber mouldings. For half automatic metallic argon-welding, Poly 109 avoid the adherence of incandescent splashes and protects burst pipes from fouling.

In the thermo-welding of plastic bags, Poly 109 prolongs the endurance of the Teflon web shields put on the blades for the welding.

## 4. CHARACTERISTICS

### a) CONSTITUENTS:

	Poly 109
Appearance	Aerosol. CO2 + HFC 134a propelled liquid
Colour	Colourless
Odour	Solvent
Viscosity:	300 csp in solvents solution
Relative density	0.685 (at 20°C, Water=1)
Can pressure	5 bar (20°C)
Solubility in water	Insoluble in water
Flash point	<0°C
Auto ignition	>200°C

## 5. PACKING

Aerosol can: 16 ounces - net volume 500ml.

## 6. HEALTH & SAFETY

*(Refer to Health & Safety Data Sheet)*

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