

Technical data

MOLYFORM 1050

The logo for MOLYSLIP, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol, set against a red rectangular background.

High Performance evaporative metal forming lubricant

Description

MOLYFORM 1050 is a high performance evaporative lubricant specially formulated for cold metal forming of heavy gauge materials. The product is suitable for use on a wide range of ferrous metals.

MOLYFORM 1050 incorporates advanced synthetic additives that provide excellent film strength and lubricity which prevent metal pick up between the work piece and tool thereby reducing pick-up and scoring. As a result, MOLYFORM 1050 is suitable for use on many drawing, stamping, bending, blanking and piercing operations providing a cost-effective route to improved product quality and tool life and increased productivity.

The evaporative nature and light viscosity of MOLYFORM 1050 facilitates use as a vanishing film eliminating the need, under some circumstances, to degrease components prior to secondary operations or assembly.

Features and benefits

- Suitable for use on a wide range of operations including deep drawing
- Reduces metal pick-up and scoring
- Light viscosity, vanishing film
- Compatible with most commonly encountered ferrous materials
- Low residue, easily cleaned

Packaging

20ltr & 205ltr

Molyslip Atlantic Limited, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester, M44 5EG, UK
Tel: +44 (0)161 804 4700 Fax: +44 (0)161 804 4701 enquiries@molyslip.co.uk www.molyslip.co.uk

Company registration number: 02664511; Company registered in England VAT registration number GB578295191

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Instructions for use

MOLYFORM 1050 is supplied ready for use.

MOLYFORM 1050 can be applied by brush, drip, roller or spray applied by either airless or air assisted spray systems.

Note: Where absolute freedom from surface discolouration is essential, it is recommended that compatibility trials are conducted prior to use.

Technical data (typical values)

Property	Test method	Result
Appearance	MSTM 1	Clear brown liquid
Odour	MSTM 10	Characteristic
Base fluid	-	Hydrocarbon
Kinematic viscosity @ 40°C	MSTM 27	4.8 cSt
Density @ 20°C	MSTM 23	0.87 g.cm ³
Aniline point	ASTM D611	~70°C
Flash point	MSTM 38	>60°C
Solubility	Water	Insoluble
	Organic solvent	Fully soluble

Storage

Store MOLYFORM 1050 out of direct sunlight.

Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.
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