

Technical data

Molyslip MOLYFORGE X10

The logo for Molyslip, featuring the word "MOLYSLIP" in a bold, white, sans-serif font with a registered trademark symbol, set against a red rectangular background.

Hot metal forming compound

Description

Molyslip MOLYFORGE X10 is a specially formulated dispersion of high purity solid lubricants and anti-wear additives in refined mineral oil thickened with non-melting organo-modified clay.

Molyslip MOLYFORGE X10 is a low co-efficient of friction compound providing lubrication and a thermal barrier between tool and workpiece in hot extrusion and forming of stainless steel and nickel alloy materials. The product is designed for use at elevated temperature and aids metal flow allowing production of complex geometry components whilst reducing tool/die wear and providing effective release between billet and plunger in hot extrusion processes.

Features and benefits

- High temperature resistant low friction compound
- Low sulphur & chlorine content
- Aids metal flow
- Provides effective tooling-to-component/billet release
- Extends tool/die life
- Easily applied by brush/swab
- Extended application intervals

Packaging

20kg

Technical data

Molyslip MOLYFORGE X10



Instructions for use

Supplied ready for use.

Application

Ensure equipment to be coated is clean and free from oil and grease contamination. For best results apply a thin even coating to the tool/die surfaces by brush/swab ensuring that all surfaces are completely and evenly coated.

Technical data (typical values)

Property	Test method	Result
Appearance	-	Smooth black compound
Base	-	Refined mineral oil
Thickener	-	Organo-modified clay
Drop point	IP132	>300°C (non-melting)
Density (@20°C)	Kg/ltr	1.1
Solid Lubricant(s)	-	Graphite/HLWS
Content	%/weight	40

Storage

Store Molyslip MOLYFORGE X10 out of direct sunlight.
Storage temperature should be controlled to between 15°C and 40°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.
Issue date 11-18

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