BONDERITE

Technical Data Sheet

BONDERITE L-FM 7160

Known as Multan F 7160
February 2017

PRODUCT DESCRIPTION

BONDERITE L-FM 7160 provides the following product characteristics:

Technology	Lubricants
Product Type	Lubrication Agents for Metal Working
Application	Drawing

BONDERITE L-FM 7160 is a water-based synthetic drawing compound formulated for use on plain steel and aluminium.

The product is not specifically inhibited to prevent leaching of cobalt from carbide tooling.

TECHNICAL DATA

Solids by weight, %	60
pH (as received)	~8.2
Specific Gravity, g/mL	1.029
Boiling Point, °C	100
Freezing Point, °C	0
Flash Point	none to boiling
Refraction index	1.412

DIRECTION OF USE

Preliminary Statement:
Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Application:
BONDERITE L-FM 7160 can be applied by spraying, brush, or roll coating.
It can be used as supplied or diluted with water up to 10:1.
The appropriate ratio is determined by the lubricant performances and corrosion protection required for the process.

Bath Control:
Refractometer:

The value of °Brix degrees multiplied by the factor of 2.1 directly gives the concentration value (%).

Substrates:
BONDERITE L-FM 7160 can be used to form plain steel, aluminum, and stainless steel.

Performance Characteristics:
BONDERITE L-FM 7160 is compatible with downstream processes such as most water-based cleaning, phosphate and paint systems as well as welding operations.

Storage:

Recommended Storage Temperature, °C	0 to 50
Shelf life, months (in unopened original packaging)	12

Classification:
Please refer to the corresponding **Material Safety Data Sheets** for details on:
- **Hazards identification**
- **Transport information**
- **Regulatory information**

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ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.
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Reference N/A

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