

Balmerol[®] Synth Moldol – 80 SS

Semi Synthetic Mould Release Oil

Technical Data Sheet

Product Description:

Balmerol Synth Moldol - 80 SS, is a semi-synthetic type mould lubricant. The product is designed with a blend of highly refined mineral oil and specially designed hyper branched polar organic ester for lubrication of mould during continuous or batch wise casting of ferrous and non – ferrous billets. Balmerol Synth Moldol - 80 SS has boundary lubrication property because of its inherent chemical structure of specially designed organic ester which enhances life of the mould and its efficiency.

Features & Benefits:

Balmerol Synth Moldol – 80 SS provides the following benefits:

- Good boundary lubrication property
- Excellent low temperature property
- Consistent quality
- No Copper corrosion

Applications / Recommendations:

- The product can be applied by dripping or brushing.

Storage:

- Balmerol Synth Moldol – 80 SS will be in liquid state under enclosed air tight container when the temperature is maintained below 30⁰ C

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Typical Properties:

Balmerol Synth Moldol - 80 SS	
Properties	Synth Moldol - 80 SS
Colour and Appearance	Light amber transparent liquid
Sp. Gravity @ 30° C, ASTM D 1298	0.885
Kinematic Viscosity, cSt @ 40°C, ASTM D 445	70 - 85
Viscosity Index, min, ASTM D 2270	140
Flash Point, °C, min , ASTM D 92	260
Pour Point, °C max, ASTM D 97	- 15
Saponification value, mg KOH/gm, ASTM D5558-95 (2011)	30 -50
Copper Strip Corrosion, 3 hrs @ 100°C, ASTM D 130	Nil
Acid Value, mg KOH/gm, max, ASTM D 1980-87 (1998)	0.5

Health and Safety:

Balmerol Synth Moldol – 80 SS is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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