

PRODUCT INFORMATION HYCUT[®]-System

ADDITIV MG

ADDITIV MG is the additional component for the HYCUT[®] two-component-system, especially designed for the machining of magnesium alloys. In combination with HYCUT[®] ET/CF MG/CF/SE and mixed with water it forms a high-performance metal working emulsion.

Benefits:

- Particularly suitable for Mg-alloy, Al-alloy
- Simple adjustment to different process, material and lubrication requirements
- Stabilises the pH-value
- Excellent corrosion protection properties
- Optimisation of the physical stability
- Compatible to the HYCUT[®] -system

Data of the Product (Water-Mixed):

Determination	Method	Unit	Value
pH-Value 2,5%	DIN 51 369	---	9,0
Corrosion test	DIN 51 360/1	[w/w] - S0/R0	2,5
Corrosion test	DIN 51 360/2	[w/w] - K0	2,5

Data of the Product (Concentrate):

Determination	Method	Unit	Value
Density, 20°C	DIN 51 757	[kg/m ³]	1112
Kin. viscosity, 40°C	DIN 53 018	[mm ² /s]	11
Refractive index, n _D ²⁰	DIN 51 423	---	1,441

Recommended concentration (depending on process and material):

3,0% (in combination with HYCUT[®] ET/CF MG/CF/SE)

Shelf Life/ Storage Conditions:

12 months under ambient storage conditions.













Industrial Health and Safety - Environmental Protection:

- Complies with German TRGS 611 (Prevention of Nitrosamine formation).
- Is not obliged to be labelled under the European Directive for Classification, Packaging and Labelling of dangerous Preparations

Disposal:

In compliance with the local waste regulations.

ADDITIV MG Test Strips

ADDITIV MG Concentration	Test Strips colors						
	Test Strips colors						
	Concentration	1,1 %	1,9 %	3,0 %	3,9 %	5,5 %	6,9 %
	055.56	too low	low	good	high	too high	