



Chamäleon GmbH
Rudolf-Diesel-Straße, 8a
69115 Heidelberg-Germany
Tel.: +49-(0)-6221 520440
Fax: +49-(0)-6221 520449
E-mail: info@chamaeleon/produktion.de
<http://www.chamaeleon/produktion.de>

TECHNICAL DATA SHEET

CHAMÄLEON CLEAR COAT MS

Article number:	11035, 11038
Intended use:	Car refinishing Product/Coating (mixing with Hardener)
General characteristics:	For application as a clear top coat. Suitable for passenger cars. Clear Coat MS is a high gloss clear finish that is very easy to use. Can be both air-dried and forced-dried.
Physical properties:	
Specific gravity (kg/l):	0.965 (Water = 1)
Flash point:	Closed cup: 29°C (84.2°F).
Vol.% solids:	40
Technical characteristics:	
Chemical basis Clear Coat:	Clear polyurethane varnish based on highly resistant hydroxy acrylic resins
Hardener:	Non-yellowing highly durable isocyanate resin
Auxiliary materials:	Standard Hardener MS, use at normal temperatures on small and medium-sized objects at 18-30° C.
Economy:	8 ml/L/50 µm
Gloss:	High gloss
Colour:	Clear.
Substrates:	Sanded and degreased old layers.
Undercoats:	n/a
Finishing materials:	n/a
Cleaning the equipment:	Gun Cleaner



Chamäleon GmbH
 Rudolf-Diesel-Straße, 8a
 69115 Heidelberg-Germany
 Tel.: +49-(0)-6221 520440
 Fax: +49-(0)-6221 520449
 E-mail: info@chamaeleon/produktion.de
 http://www.chamaeleon/produktion.de

Application data:

Mixing Ratio:

2 : 1 (Clear Coat MS: Standard Hardener MS)



Application viscosity DINCUP 4mm/20°C:

Airspray (sec) : 15-17
 Pressure tank (sec) : -
 Airless (sec) : -
 -



	Nozzle diameter (mm)	Spraying pressure (bar)
Gravity feed	1,3-1,5	3,5-4,5
Suction feed	1,4-1,6	3,5-4,5
Pressure tank	1,0-1,2	3,5-4,5
Airless	-	-
HVLP	1,3-1,4	See info manufacturer
HE	-	See info manufacturer



Spray coats / Layer thickness (µm):

2-3 / 50



Flash-off (min):

10



Drying time (min) 20°C:

8-12h

60°C obj.:

25-35



Pot life (min) 20°C:

2h-4h





Chamäleon GmbH
Rudolf-Diesel-Straße, 8a
69115 Heidelberg-Germany
Tel.: +49-(0)-6221 520440
Fax: +49-(0)-6221 520449
E-mail: info@chamaeleon/produktion.de
<http://www.chamaeleon/produktion.de>

Storage life (years):

Clear coat:

min. 2

Hardener:

min. 1 (*) Shelf life: Depending on temperature and humidity. Close the tin immediately after use (Under normal storage conditions and unopened tins (*) for up to two years).

*For the additional information that is not included to the Technical Data Sheet apply to the supplier:
e-mail: info@chamaeleon-produktion.de
See information on safety in Safety Data Sheet*



Chamäleon GmbH
Rudolf-Diesel-Straße, 8a
69115 Heidelberg-Germany
Tel.: +49-(0)-6221 520440
Fax: +49-(0)-6221 520449
E-mail: info@chamaeleon/produktion.de
<http://www.chamaeleon/produktion.de>