

2 - component Polyurethan case system

Mixing ratio

resin : hardener	by weight	100 : 110
resin : hardener for 1:1 dosing system	by volume	100 : 100
Pot-life (100g at 23°C)	min	11 - 13 min
Gel time (100g at 23°C)	min	13 - 15 min
Full hardening (at 23°C after)	d	3
Hardness (at 23°C after 10 d)	Shore - A	72 - 78
Density of reacted product	g/cm ³	1,12 - 1,16
Color of reacted product	RAL	transparent - clear
Reaction shrinkage	%	< 3
Tensile strength	N/mm ²	n.i.
Elongation at break	%	n.i.
Temperature resistance (long-term)	° C	- 40 - + 80
Temperature resistance (short-term)	° C	- 60 - + 120
Water absorption	%	< 1

Physical properties resin-comp. Polyol : Doming PU 2016 M12

Viscosity (at 23°C)	mPas	200 - 400
Density (at 23°C)	g/cm ³	1,04 - 1,06
Color		transparent - clær
Transport and UN - shipping label		No dangerous goods

Physical properties resin - comp. Isocyanate : Doming IC 300

Viscosity (at 23°C)	mPas	900 - 1500
Density (at 23°C)	g/cm ³	1,13 - 1,19
Color		transparent - clear
Transport and UN - shipping label		No dangerous goods

The components and the final product doming resin are RoHS and WEEE compliant.
The end product is free of isocyanates. Mercury free.



**NEUMANN
VAKUUM- UND DOSIERTECHNIK**

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