



TECHNICAL DATA SHEET

MD-Poly



	Part A	Part B
Colour:	off white	translucent
Specific Gravity:	0,99	0,98
Viscosity (sp3 bei 10 rpm Brookfield)	7.500-8.500	5.000-6.000 cps
Base Resin	Methacrylat	Amine
Mix Ratio	10	1
Flash Point	>85°C	>85°C
Peak exotherm	<25°C	
Handling time-Light Duty	<20 minutes	
Handling time-Heavy Duty	2 hours	
Endaushärtung	min 24 hours	
Shore Härte D (ASTM D-2240)	55	

Typical Bonded Properties

PE	Substrate Failure	>8N/mm ²
PP	Substrate Failure	>8N/mm ²
LDPE	Substrate Failure	>6N/mm ²
ABS	Substrate Failure	>7N/mm ²
Polycarbonat	Substrate Failure	>6N/mm ²
PMMA	Substrate Failure	>7N/mm ²
Polystrol	Substrate Failure	>5N/mm ²
PVC (hard)	Cohesive Failure	>10N/mm ²
FRP	Cohesive Failure	>15N7mm ²
Aluminium/Aluminium	Cohesive Failure	>14N/mm ²
Stainless/PE	Substrate Failure (PE)	>8N/mm ²
Mild Steel/PE	Substrate Failure (PE)	>8N/mm ²
Aluminium/PE	Substrate Failure (PE)	>8N/mm ²
Oiled Steel	Cohesive Failure	>8N/mm ²
Nylon	Nicht Not Recommended	



MD-Poly is a structural, two-component, solvent-free special adhesive.

MD-POLY has a very good adhesion to difficult surfaces to be bonded such as

- PP
- PE
- Teflon
- EPDM.

It has excellent moisture and chemical resistance.

Cure: The product is mixed in a ratio of 10:1 resin hardener. **MD-POLY** is specifically designed to bond polyolefins and low-energy plastics such as PP and PE. Pre-treatment with primer is not necessary.



Application Instruction

Fit the cartridge into the gun. Remove the cap and press a small quantity until both components flow freely. Affix nozzle and apply the adhesive. Bonding is assisted by surface preparation. Surfaces must be clean oil- and greasefree. If you need to speed up the process it is possible to apply localized heat for a short time but only after you have allowed the adhesive to achieve fixture time which is about 5 minutes.

Packaging:

9 pcs. á 50 ml

MPE.S50

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