

Revised
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TECHNICAL DATA SHEETS

MP 5255

Description:

MP 5255 is a two-components adhesive curing by contact, does not require mixing. Fixing time from 1 to 3 minutes. Suitable for bonding metals, ceramics, glass, wood, hard plastics highly resistant to impact, peeling and tensile.

Physical Properties:MP 5255

*Chemical composition	:urethane methacrylate
*Appearance	:viscous amber
*Viscosity (25 degree C -mPa.s)	:45,000
*Specific weight (25 degree-g/ml)	:1,1
*Flash point (TCC)	:+87 degree
*Solvents content	:none
*Shelf Life @ 20 degrees C	: 6 months
*Storage temperature	+18/+28 degrees C

Handling Characteristics:

*Mixing ratio	:not critical (weight/volume)
100:10/20	
*Handling time	:1-3 minutes
*Thickness of joint (mm)	:min, 0.05 - max 0.50
*Functional strength	:30 - 60 minutes
*Final strength	:24 hours
*Shear strength (DIN53283)	:12 - 25 N/mm ²
*Tensile strength (DIN53288)	:15 - 25 N/mm/mm ²
*Peeling strength (ISO457B)	:3,5 - 5 N.mm
*Impact strength (ASTM D-950)	:15 -25 Nmm/mm ²
*Coefficient of thermal expansion (ATMD696)	:80 x 10 ⁻⁶ 1/K
*Thermal conductivity (ASTMC177)	:0,1 W/mk
*Dielectric constant (ASTMD150)	:4,6 (1 MHZ)
*Volume resistivity (ASTM D257)	:2x10 ¹³ .cm
*Dielectric strength (ASTM D149)	:30-50 KV/mm
*Temperature range	:-30 degree C +120 degree C

Storage:

Does not contain dangerous substances, classified:
Xi= irritating according to EC regulation.
For detailed information refer to MSDS.

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com