

RTV/HTR

INTRODUCTION

Castable two components condensation curing silicone rubber, heat resisting, suitable for tin and lead casting. Flexible moulding mass for replicas made from low melting point alloys.

TECHNICAL PROPERTIES

(at +20°C and 60% R.H.)

Appearance	: red brown thick liquid
Mixing ratio (A+B)	: 100 + 5 parts in weight (CATALYST X2V)
Viscosity	: 3000-3500 mPas. (mixed with catalyst)
Pot life (minutes)	: 60
Demoulding time (hours)	: 12
Linear shrinkage, after 5 days ageing (%)	: 0.6 max. (ISO 4823)
Specific gravity (Kg./dm ³)	: 1.300 ± 0.05
Hardness (Shore A)	: 60 ± 3 (DIN 53505)
Elongation at break (%)	: 150 ± 30 (DIN 53504 – SA3)
Tensile strength (N/mm ²)	: 3 ± 0.5 (DIN 53504 – SA3)
Tearing strength (N/mm)	: 4 ± 0.5 (ASTM D624 mould B)
Flame resistance	: self extinguishing (ASTM 1692)
Shelf life	: 1 year, stored in their original tightly closed containers at temperatures in the range from +5°C to +30°C.

NOTE. The information given to users is based on our best experience. However, because of the many possible applications, which are outside of our knowledge and control, we cannot accept liability for loss or damage resulting from reliance upon such information.