TECHNICAL DATA SHEET

QSil 210
2 part molding material

Key Features

- Low viscosity
- High elongation (>500%)
- Excellent retention of additional fluid
- Fast de-mold time, translucent and pigmentable

Application

Special effects, skin replication, pigmentable

Revision Date	29 Apr 2021
Revision No	1
Download Date	26 Apr 2024

Property	Test Method	Value
Uncured Product		
Cure Profile		**3 days at 25°C**
Cure Type		**Addition**
De-mould Time / Full Cure at 23°C/73°F		**24 hr hrs**
Density A	BS ISO 2781	**1.1**
Density B	BS ISO 2781	**1**
Mix Ratio By Weight		**10:1**
Rheology		**Liquid**
Tack Free Time / Skin Formation at 23°C/73°F		**8 hr**
Viscosity Mixed	Brookfield	**38000 cP**
Cured Product		
Color		**Translucent**
Elongation at Break	ISO 37	**500 %**
Hardness Shore A	ASTM D 2240-95	**10**
Linear Shrinkage (%)		**<0.1 %**
Max Working Temp		**204 °C / 399 °F**
Min Working Temp		**-55 °C / -67 °F**
Tensile Strength	ISO 37	**2.28 N/mm2 / 331 psi**
Thermal Conductivity		**0.18 W/mK**
Electrical Properties		
Dielectric Strength (V/mil)		**500 V/mil**
Volume Resistivity (Ohms cm)	ASTM D-257	**6.61E+14 ohms cm**
Storage		
Max Storage Temperature		**38 °C / 100 °F**
Shelf Life		**24 mths**

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com