

QSiil 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

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