



## COMPOUND MATERIAL DATA SHEET

## GENERAL OVERVIEW:

A high temperature rated compound with good mechanical properties. The compound has a natural off-white colour and limited pigments, most commonly red oxide or grey.

## FEATURES:

- FDA compliant to 21 CFR 177.2600

## PROPERTIES:

PARAMETER	TEST METHOD	TYPICAL VALUE
Temperature Range		-50°C to +300°C (Max)
Density at 20°C	ISO 1183-1 A	1.12g/cm <sup>3</sup> (Approx)
Hardness Shore A	DIN 53505	42°
Tensile Strength	DIN 53501 S1 / ISO 37	10N/mm <sup>2</sup>
Elongation at Break	DIN 53504 S1	580%
Tear Strength	ASTM D 624 B	23N/mm
Rebound Resilience	DIN 53512	56%
Compression Set (22h / 175°C)	DIN ISO 815-B	36%

## NOTES:

Cure conditions: 1.5% (50% paste of bis (2,4-dichlorobenzoyl)-peroxide in silicone fluid), 10 min / 135°C in press, post-cured 4h / 200°C.

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