Technical Datasheet

Compound: VTHT20

Version: 1
Date of Last Alteration: 21/03/19

Overview:

A high temperature rated compound with good mechanical properties. The compound has a natural cream colour and does not pigment easily. Pigmentation not recommended for use at high temperatures.

Features:

- FDA compliant to 21 CFR 177.2600

Property	Inspection Method	Value
Temperature Range		-50°C to + 300°C (max)
Appearance		Off- White
Density at 20°C	ISO 1183-1 A	Approx. 1.11 g/cm^3
Hardness Shore A	DIN 53505	24
Tensile Strength	DIN 53504 S1 / ISO 37	9.00 N/mm^2
Elongation at Break	DIN 53504 S 1	920%
Tear Strength	ASTM D 624 B	26 N/mm
Rebound Resilience	DIN 53512	42%
Compression Set	DIN ISO815-B (22h / 175°C)	33%

*These figures are intended as a guide and should not be used in preparing specifications.
**Size tolerance to ISO 3302-1: 2014

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