



Technical Datasheet

Compound: VHTS60

Version: 2
Date of Last Alteration: 21/03/19

Overview:

A high tear strength silicone compound with very good mechanical properties. Special features include heat stability inside a wide temperature range. This compound has good flexibility and high transparency. It is easily pigmented to a variety of colours.

Features:

- FDA compliant to 21 CFR 177.2600
- BfR compliance chapter XV
- Free from Phthalate

Property	Inspection Method	Value
Temperature Range		-50°C to + 180°C (working) Up to 200°C (intermittent)
Appearance		Transparent
Density at 20°C	ISO 1183-1 A	Approx. 1.17 g/cm ³
Hardness Shore A	DIN 53505	59
Tensile Strength	DIN 53504 S 1	10 N/mm ²
Elongation at Break	DIN 53504 S 1	580%
Tear Strength	ASTM D 624 B	42 N/mm
Rebound Resilience	DIN 53512	44%
Compression Set	DIN ISO815-B (22h / 175°C)	39%

*These figures are intended as a guide and should not be used in preparing specifications.

**Size tolerance to ISO 3302-1: 2014

Viking Extrusions Ltd

4 Ivy Arch Road, Worthing
West Sussex, BN14 8BX
Tel: +44 (0) 1903 205 532
Fax: +44 (0) 1903 205 534
www.vikingextrusions.co.uk



Certificate Number: FM40230