

Technical Datasheet

Compound: VFL60

Version: 2
Date of Last Alteration: 01/05/19

Overview:

A specialist fluorosilicone elastomer having good mechanical properties. Special features include extreme heat stability inside extended temperature range. This compound is particularly resistant to petro-chemical based materials and solvents.

Features:

- Excellent processability
- Well balanced mechanical properties
- Good UV and ozone resistance
- Excellent solvent resistance
- Low compression set

Property	Inspection Method	Value
Temperature Range		-60°C to + 200°C Up to 250°C with Red Iron Oxide
Hardness Shore A	BS 903 pt A26	60 ± 5
Tensile Strength	BS 903 pt A26	8.9 Mpa (min)
Elongation at Break	BS 903 pt A2	300 % (min)
Specific Gravity	BS 903 pt A2	1.40 g/cm ³ ±0.03
Tear Strength	BS 903 pt A1	26.0 KN/m (min)
Compression Set (22h @ 177°C)	BS 903 pt A3	10.0%

*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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