

VFL20-60

Fluorosilicone Rubber

Key Performance Properties

- Excellent processability
- Well balanced mechanical properties
- Good UV and ozone resistance
- Service temperature range: -60°C to +200°C (250°C with Red Iron Oxide)
- Excellent solvent resistance
- Low compression set

Material Properties

Curing agent type: 2;4 DCLBP

Curing agent level: 2.0 pph

Press cure: 10 min @ 125°C

Post Cure: 4 hrs @ 200°C

Physical Property	Test Method	Typical Value				
Hardness (IRHD) ± 5	BS.903 pt A26	20	30	40	50	60
Tensile Strength (MPa) min	BS903 pt A2	7.6	8.0	8.3	8.5	8.9
Elongation (%) min	BS903 pt A2	550	450	380	400	300
Specific Gravity (g/cm ³) ±0.03	BS903 pt A1	1.36	1.37	1.39	1.20	1.40
Tear Strength (KN/m) min	BS 903 pt A3	16.0	17.0	18.0	15.0	26.0
Compression Set % (22h @ 177°C)	BS 903 pt A6	15.0	12.0	8.0	10.0	10.0

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

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