DP Seals Ltd.
Unit 6, Dawkins Road
Poole, Dorset BH15 4JY

Tel: +44 (0)1202 674671
Email: info@dpseals.com
Web: dpseals.com

Compound data sheet

Material Type: Fluorosilicone 60

Preparation number: 8F66M002

Description: This formulation is pigmented with Red Iron Oxide to enhance the hot air resistance to meet DTD5583 Grade 60. With all silicone and fluorosilicone compounds it is imperative to use a dedicated postcure oven (never used for non-silicone compounds) to prevent postcure fume contamination, which will deteriorate the properties preventing it meeting the heat ageing and compression set properties required by DTD5583.

- Upper continuous working temperature 180°C
- Peak working temperature 220°C
- Lower working temperature -60°C

Characteristic	Unit	Result
Hardness	Shore	61
Tensile Strength	MPa	9.5
Elongation at break	% change	436
Compression set (24 hours at 150°C)	% change	5
Hot air aged 336 hours at 200ºC		
Hardness change	Shore	-1
Tensile Strength	% change	-21
Elongation at break	% change	-11
Liquid B aged 48 hours at 40ºC		
Volume change	% change	+24