

## Compound data sheet

Material Type: Nitrile 60

Preparation number: 4063M005

Description: This formulation is based on a medium ACN Nitrile polymer filled with carbon black and cured with a sulphur/accelerator system. It has been formulated to meet the requirements of BS2751 BA 60, which it comfortably meets and the testing below is from a batch certified to that specification.

- Upper continuous working temperature 100°C
- Peak working temperature 125°C
- Lower working temperature -30°C

Characteristic	Unit	Result
Hardness	Shore	56 to 65
Tensile Strength	MPa	8.4 MPa minimum
Elongation at break	% change	400 % minimum
Compression set (24 hours at 70°C)	% change	20 % Max
<b>Hot air aged 168 hours at 170°C</b>		
Hardness change	Shore	+2
Tensile Strength	% change	+4
Elongation at break	% change	-12