

Compound data sheet

Material Type: Natural 40
Preparation number: 1043M005
Description: This formulation has been designed to comply to BS1154 Z40, which is a general purpose Natural Rubber filled with carbon black. It uses master batches to add the carbon black in order to enable small batches to be mixed.

- Upper continuous working temperature 80°C
- Peak working temperature 95°C
- Lower working temperature -35°C

Characteristic	Unit	Result
Hardness	Shore	35 to 45
Density	g/cm ³	0.98 to 1.04
Tensile Strength	MPa	17 MPa minimum
Elongation at break	% change	450 % minimum
Modulus at 50	MPa	0.6
Modulus at 100	MPa	0.9
Compression set (24 hours at 70°C)	% change	30 % Max
Tear strength	kN/m	15 kN/m minimum