

DP Seals Ltd.

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Compound data sheet

| Material Type: | EPDM 20/25 |
|---------------------|------------|
| Preparation number: | 5022B002 |

Description: This formulation is based on a high molecular weight EPDM polymer highly extended with paraffinic oil to give low hardness. As no empirical data other than hardness exists the data below is judged based on similar formulations and other polymer supplier data.

Upper continuous working temperature 100°C

| | Peak working temperature | 130°C |
|--|--------------------------|-------|
|--|--------------------------|-------|

Lower working temperature -60°C

| Characteristic | Unit | Result |
|------------------------------------|----------|--------|
| Hardness | Shore | 23 |
| Tensile Strength | MPa | 5 |
| Elongation at break | % change | 600 |
| Compression set (24 hours at 70°C) | % change | 17 |
| Hot air aged 70 hours at 70°C | | |
| Hardness change | Shore | +3 |
| Tensile Strength | % change | +35 |
| Elongation at break | % change | -10 |

Manufacturers of precision rubber seals and mouldings