

## Material : Ultra High Molecular Weight HDPE

### Spareage Code : UHMWPE

Revision date : 01/03/2009

Physical properties	nominal	actual	units
<b>Density</b> ASTM D 792, 23 °C	0.933-0.937	0.935	g/cm <sup>3</sup>
<b>Hardness</b> ASTM D 2240, 23 °C	63-67	65	Shore D
<b>Tensile strength</b> ISO 527 1, 23 °C	40	45	N/mm <sup>2</sup>
<b>Elongation at break</b> ISO 527 1, 23 °C	50Min	60	%
<b>Heat Distortion</b> Temp at 0.5mpa	---	90	°C