



# Eltex® LRB 711

## Product Technical Information

**Eltex® LRB 711** is a black compound of high density, high molecular weight polyethylene. It is specially designed for use in the manufacture of electrically conductive parts.

### Characteristics

- excellent anti-static properties
- excellent cold impact strength
- very good environmental stress crack resistance

### Applications

- Car fuel tank filler pipes
- Parts requiring anti-static properties

Properties	Test Method	Value	Units
<b>Physical</b>			
Density (annealed)	ISO 1183/A	995	kg/m <sup>3</sup>
Melt Flow Rate (21.6kg)	ISO 1133-1997 cond G	1.5	g/10min
<b>Mechanical</b>			
Tensile Modulus (23°C)	ISO 527/1B	1200	MPa
VICAT Softening Temperature under 1 kg	ISO 306	127	°C
VICAT Softening Temperature under 5 kg	ISO 306	87	°C
Shore D Hardness (23°C)	ASTM D 2240	65	-
Surface resistivity		<10 <sup>4</sup>	Ω/m
Coefficient of Linear Expansion	ASTM D 696	1.3x10 <sup>-4</sup>	K <sup>-1</sup>

The values given are typical values measured on the product. These values should not be considered as specifications.