



# 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.



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## Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to [psnohreg@innovene.com](mailto:psnohreg@innovene.com). Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

## Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website <http://techservice.innovene.com>. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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