

# Technical Data Sheet

PCR HDPE Recompound Black ESD Electrically Conductive

Product Code: 013801



Physical Properties	Value	Units	Test Method
Density	1,03	g/cm <sup>3</sup>	ISO 1183
MFR (190°C/2,16kg)	1	g/10 min	ISO 1133
MFR (190°C/5,00kg)	3	g/ 10 min	ISO 1133
<b>Mechanical Properties</b>			
Tensile Modulus	450	MPa	ISO 527
Tensile Stress At Yield	15	MPa	ISO 527
Elongation At Yield	300	%	ISO 527
Charpy Impact Strength, Unnotched	n.b.	kJ/m <sup>2</sup>	ISO 179 1eU 23°C
Charpy Impact Strength, Notched	40	kJ/m <sup>2</sup>	ISO 179 1eA 23°C
<b>Electrical Properties</b>			
Surface Resistance	<10 <sup>3</sup>	Ohm	IEC 61340-2-3

## Application

Electrically conductive injection moulded or extruded parts of different kinds of application.

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### Processing

Injection Moulding or Extrusion

Predrying: 80°C/2-4 h

Working Temperature Injection Moulding: 190-250°C

Working Temperature Extrusion: 180-240°C

Tool Temperature: 40-60°C

### Delivery Form

Will be delivered as pellets or cylinder granules with a cutting length of approx. 3 mm in Polyethylen valve sacks with 25 kg, aluminium covered sacks with 25 kg, in Octabins, BigBags or silo trucks.

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