

Technical Data Sheet

PCR PP Recompound Black ESD Electrically Conductive

Product Code: 013803



Physical Properties	Value	Units	Test Method
Density	1,01	g/cm ³	ISO 1183
MFR (230°C/2,16kg)	2	g/10 min	ISO 1133
Mechanical Properties			
Tensile Modulus	1250	MPa	ISO 527
Tensile Stress At Yield	22	MPa	ISO 527
Elongation At Yield	20	%	ISO 527
Charpy Impact Strength, Unnotched	n.b.	kJ/m ²	ISO 179 1eU 23°C
Charpy Impact Strength, Notched	15	kJ/m ²	ISO 179 1eA 23°C
Electrical Properties			
Surface Resistance	<10 ³	Ohm	IEC 61340-2-3

Application

Electrically conductive extruded parts of different kinds of application.

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Processing

Extrusion

Predrying: 80°C/2-4 h

Working Temperature: 190-250°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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