

**Product Texts**

TPSeal® PE ESD06 is a black conductive Polyethylene-Carbon NanoTubes compound for rotomolding. The use of specific Carbon NanoTubes provides the material with an outstanding cleanliness compared to existing products. The very low Carbon Nanotubes loading preserves the excellent mechanical properties of the virgin polymer.

Rotomoulded objects that can be used in ATEX environment and for transport of electrostatic sensitive components.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>6</b>	g/10min	ISO 1133
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Surface resistivity	<b>1000000</b>	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	<b>935</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Rotational Molding

**Special Characteristics**

Increased electrical conductivity

**Delivery form**

Powder, Black

**Regional Availability**

Europe