

Technical Data Sheet

Icorene 1761 SC BLK 9002



Polyethylene, Medium Density, Metallocene

Product Description

Icorene 1761SC Black 9002 is a special electrically conductive black medium density metallocene polyethylene powder designed for rotational moulding applications. It is suitable for use in applications where permanent semi conductive or antistatic behaviour is required. It has a good balance of properties such as toughness, easy flow, reasonable impact, and surface gloss.

Processing Method	Rotomolding
Attribute	Good Toughness; Semi Conductive; UV Resistant
Forms	Powder
Appearance	Black
Additive	UV Stabilizer
Application	General Purpose

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	6.0	g/10 min	ASTM D1238
Density	0.934	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Yield	15	MPa	ASTM D638
Flexural Modulus	600	MPa	ASTM D790
Thermal			
Vicat Softening Temperature	121	°C	ISO 306
Melting Temperature	123	°C	ISO 11357
Electrical			
Surface Resistivity	1.0E+5	ohm	IEC 61340-2-3