



Datasheet

Deltacom PP 8796-EC4

Polypropylene, electrical conductive

General properties

• MFR 230 °C/ 5 kg	ISO 1133	g/10 min	5 - 8
• Density	ISO 1183	g/cm ³	1,01
• Moisture	**	%	≤ 0,2

Mechanical properties

• Tensile modulus	ISO 527	N/mm ²	> 700
• Yield strength	ISO 527	N/mm ²	> 18
• Strain at yield	ISO 527	%	> 7
• Strain at break	ISO 527	%	> 100
• Charpy impact strength (un-notched)	ISO 179	KJ/m ²	no break
• Charpy impact strength (notched)	ISO 179	KJ/m ²	> 60

Electrical properties

• Surface resistivity	***	Ohm	< 90.000
• Surface resistivity	***	Ohm	< 9x10 ⁴

Packaging:

Will be delivered as spherical granules with a Ø diameter of app. 3 mm in palletised polyethylene bags, octabins or big bags (1.000 kg), Silo deliveries are also available on request.

Processing: Extrusion, etc.

• Cylinder temperature:	200 - 260 °C
• Mould temperature:	40 - 60 °C
• Storage:	Drying is recommended

Application:

Electrically conductive storage- or transport systems, e.g.: modular packaging systems, pallets, trays, containers.

*-** internal Standard, *** according to IEC 61340, Notice: n. t.= not tested

Date: 2017-09-05

Notice

These data are based on average values measured on dry injection-molded test plates. Individual measurements may thus vary depending upon processing conditions.

A legal binding guarantee of the above mentioned properties or the applicability for a concrete use or for a special application can not be given. Possible industrial property rights as well as existing laws and provisions have to be considered by the consignee of this product himself.