

TOTAL Polyethylene HDPE ESD 201 B

High Density Polyethylene
TOTAL Refining & Chemicals

Message:

HDPE ESD 201 B is a black electrically conductive compound manufactured from a high performance high density polyethylene.
HDPE ESD 201 B is suited for the production of high performance industrial parts intended for use in explosive or hazardous atmospheres like multi-layer IBC's, drums and jerry cans or mono and multi-layer fuel tank filler pipes.

General Information	
Features	Electrically Conductive Good Processability
Uses	Blow Molding Applications Drums Industrial Applications Jerricans
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Blow Molding Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.995	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	4.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1200	MPa	ISO 178
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	Internal Method
Volume Resistivity	< 1.0E+4	ohms · cm	Internal Method

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