



TECHNICAL DATA SHEET

PRODUCT NAME: ANTISTATIC COMPOUND

PRODUCT GRADE: IC-ABS00950HN

General Description

Electrostatic charges are typically caused by friction between two materials, static charging can disturb the continue many process. Static charging can hinder the opening of the tubular film during packaging processes. Often the static charging is the limiting factor for higher speed in these processes. In addition, a reduced static charging avoids dust pick up by the packed goods. As a result, the materials can store and eventually displayed in a more attractive way.

Technical Analysis

Items	Method of experiment	Unit	Value
Carrier Resin			ABS
Appearance			Black Pellets
Antistatic Content		%	5
Surface resistivity		Ohm	10^9 - 10^{10}
Melting Temperature		$^{\circ}\text{C}$	200-210
Density	ASTM D792	g/cm^3	1.05
Melt Flow Index (200 $^{\circ}\text{C}$ /5kg)	ASTM D1238	g/10 min	2.33
Moisture Content	ASTM D570	%	0.06
Mold Shrinkage	ASTM D955	%	0.5-1
Tensile Strength at Break	ASTM D638	MPa	33.64
Tensile Elongation at Break	ASTM D638	%	10.78
Flexural Strength	ASTM D790	MPa	60.48
Flexural Modulus	ASTM D790	MPa	1896
Impact Charpy Notched	ASTM D256	KJ/m^2	14.82
Hardness Shore D	ASTM D2240	D	70

Properties



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Processing temperature

200 – 230°C

Processing Technique

Injection molding

Dosage

100%

Pellet size

3x3 mm

Compatibility

ABS

Packing

20kg/bag

Storage

Keep at dry and cool place

