



SAFFRON PLASTICS LTD

CONDUCTIVE HIPS (CONDHIPS) DATA SHEET

GENERAL PROPERTIES	Method	Unit	Test Result
Density (SG)		g/cm ³	1.14
Vicat Softening Temperature	ISO 306	°C	90
Max Service Temperature		°C	80
Tensile Strength	ISO 527	Mpa	28
Elongation at Break		%	20
Charpy Notched Impact Strength	ISO 179	KJ/m ²	5.9
Izod Notched Impact Strength	ISO 180	KJ/m ²	5.7
Surface Resistance	IEO 61340-2-3	Ohms	<10 ⁵
Volume Resistance	IEO 61340-2-3	Ohms-cm	<10 ⁵
Static Decay Rate (1000-100V)	Charged Plate	Seconds	<2

NOTES

Filler is Carbon Black

Product conforms to IEC 61340-5-1 and complies with Packaging Directive 94/62/CE with Heavy Metal content of <100ppm

Information contained within is based on our present state of knowledge and is to characterise the product with regard to any potential requirements. It does not therefore constitute a guarantee of the specific properties.

www.saffronplastics.com

E sales@saffronplastics.com
 T 01268 288874
 F 01268 534592
 A Bakers Court | Paycocke Road | Basildon | Essex | SS14 3EH