

ESD MANUFACTURING & SUPPLY (PTE) LTD

BLK 3 ANG MO KIO INDUSTRIAL PARK 2A, AMK TECH 1, #05-11 SINGAPORE 568050

TEL : (65) 6451 0722 EMAIL : esd@esdmanufacturing.com

WEBSITE : <http://www.esdmanufacturing.com>

GST/CO. REG NO : 201016175W

ESD MOULDED CHAIR

P/N : FR-CHR-MOL



Specifications:

Colour	Black	
Material	Static Dissipative Mould Foam	
Seat Size (mm)	440 x 460	
Backrest Size (mm)	305 x 415	
Pump Adjustable Range (mm)	Low	235mm to 430mm
	Medium	330mm to 580mm
	High	385mm to 660mm
Types of Base	5-stars Aluminium Leg	
Diameter of Base (mm)	600	
Surface Resistivity (Ω)	$10^7 - 10^9$	
Resistance to Ground (Ω)	$10^7 - 10^9$	
Types/Materials of Wheel	Chrome Wheel	
	Black Plastic Wheel	
	Conductive Stud (Polypropylene)	
Warranty	1 Year	

ELECTRICAL PROPERTIES :

ESD Reading :

Test condition

Location	Calibration lab
Humidity	50.3% RH
Temperature	24.1 °C
Test Procedure	According to ST1027&ST1248

Test instrument

Fieldmeter	Trek Model 520
Megohmmeter	MOM-1261 [Cali. Cert. No. 51220085653322]
Charging Gun	Milty Zerostat
Charge Plate Monitor	Trek Model 157

Test Data Summary

1. Point-To-Point Resistance

	Resistance (AVG)(Ω)
Seat	7.49×10^5
Back Rest	1.16×10^6

2. Seat through Wheel Resistance

	Resistance (AVG) (Ω)
Wheel 1	6.13×10^6
Wheel 2	5.89×10^6
Wheel 3	6.76×10^6
Wheel 4	6.61×10^6
Wheel 5	6.61×10^6

3. Back Rest through Wheel Resistance

	Resistance (AVG) (Ω)
Wheel 1	1.87×10^7

4. Decay time (1000V to 100V)

	Decay time+ (AVG)(s)	Decay time- (AVG)(s)
Wheel 1	0.61	0.52
Wheel 2	0.65	0.57
Wheel 3	0.48	0.42
Wheel 4	0.51	0.51
Wheel 5	0.68	0.52