

# FlexMove

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## TO WHOM IT MAY CONCERN

This is to certify that FlexMove anti-static chain is moulded with anti-static POM resin raw material and confirmed with volume and surface resistivity as stated below. The detail properties of the raw material used is stated as follow:

Item	Unit	Test Method	Electric Conductive
			EB-10 Anti-static
Color No.			CD3501
ISO quality-of-the-material display:		ISO11469 (JIS K6999)	>POM-CD10<
Density	g/cm <sup>3</sup>	ISO 1183	1.43
Tensile strength	MPa	ISO 527-1,2	55
Strain at break	%	ISO 527-1,2	3
Tensile modulus	MPa	ISO 527-1,2	-
Flexural strength	MPa	ISO 178	95
Flexural modulus	MPa	ISO 178	3,000
Charpy impact strength (notched)	kJ/m <sup>2</sup>	ISO 179/1eA	1.8
Temperature of deflection under load (1.8MPa)	□	ISO 75-1,2	95
Coefficient of linear thermal expansion (23~55□, Flow direction)	x10 <sup>-5</sup> /□	ISO 11359-2	11
Coefficient of linear thermal expansion (23~55□, Transverse direction)	x10 <sup>-5</sup> /□	ISO 11359-2	11
Dielectric breakdown strength (Thickness 3mm)	kV/mm	IEC 60243-1	-
Volume resistivity	Ω-cm	IEC 60093	5.0 x 10 <sup>1</sup>
Surface resistivity	Ω	IEC 60093	2.0 x 10 <sup>2</sup>
Flammability		UL94	HB
The yellow card File No.			E45034
Appropriate List number of Ministerial Ordinance for Export Trade Control			Item 16 of Appendix -I

Thank you.

Yours faithfully,



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Managing Director

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