

**C-PAK TYPE CA-1013(CDA) CLEAR STATIC DISSIPATIVE EMBOSSED CARRIER TAPE**

C-PAK TYPE CA-1013 CLEAR CARRIER TAPE UTILISES SPECIALLY FORMULATED **CLEAR STATIC DISSIPATIVE POLYSTYRENE** GIVING CONSISTENT SEALING STRENGTH WITH ITS SMOOTH AND FLAT FLANGE SURFACE.

EMBOSSING OF CARRIER TAPE IS ON HIGH END MACHINES AND WITH C-PAK'S ESPECIALLY DEVELOPED PROCESSES TO ENSURE PRECISE DIMENSIONS AND WELL DEFINED POCKETS SUITABLE FOR HIGH-SPEED AUTOMATED TAPING AND SURFACE MOUNT EQUIPMENT.

**GENERAL PROPERTIES\* ( TYPICAL VALUE ONLY )**

	<u>METHOD</u>		<u>VALUE</u>
SPECIFIC GRAVITY	ASTM D-792		1.085 g/cm <sup>3</sup>
TENSILE @ YIELD	MD	ASTM D-882	4.3 kg/mm <sup>2</sup>
	TD		4.1 kg/mm <sup>2</sup>
ELONGATION @ BREAK	MD	ASTM D-882	29%
	TD		23%
TEAR STRENGTH	MD	ASTM D-1004	1.7 kg/mm <sup>2</sup>
	TD		1.6 kg/mm <sup>2</sup>
LIGHT TRANSMITTANCE	ASTM D-1003		90 %
<b>*APPLICABLE ON RAW MATERIAL</b>			

**ELECTRICAL PROPERTIES**

SURFACE RESISTIVITY	ASTM D-257	10 <sup>10</sup> ohms/sq
STATIC DECAY TIME (+/-5KV AT 10% CUTOFF)	EIA-541	≤0.07 sec
TRIBOELECTRIC CHARGE	EIA-541	≤30 volt

**Material Ionic Data**

<u>Four Heavy Metals</u>	<u>PPM</u>
Cadmium (Cd)	< 2
Lead (Pb)	< 2
Mercury (Hg)	< 2
Hexavalent Chromium (Cr <sup>+6</sup> )	< 2

\*\* The ionic data was measured by an Independent Laboratory.