

Selector Guide for CDM® Durapol® Materials

Von Roll has an experience of over 30 years in the electronics assembly industry field. As a leader of innovation we are the right partner for PCB manufacturers.

We offer a range of high-performance materials, including products specifically designed to meet all requirements of PCB assembly processes like the solder wave technology, SMT and selective soldering.

Our CDM® Durapol® product range is approved worldwide and daily used by the largest electronic manufacturers (EMS).

Highlights	CDM Durapol 68910	CDM EDS 68940	CDM Vetronit EGS T23 AS
Thickness tolerance	± 0,1mm	± 0,1mm	±10% thickness
Fluxes resistance	+++	++++	++
Flatness (*)	0,2 mm	0,2 mm	0,2 mm
Machineability	+++	++++	++
Typical pallet temperature of use	280°C maxi peaks 320°C	300°C maxi peaks 350°C	260°C maxi peaks 320°C
Optically sensitive		++++	

(*) on a panel size of 300 x 300 mm

() on a paner size or 500 x 500 min				
Main Characteristics	CDM Durapol 68910	CDM EDS 68940	CDM Vetronit EGS T23 AS	
Color	Black	Grey	Black	
Flexural strength at 23°C	400 MPa	400 MPa	430 MPa	
Flexural strength at 150°C	230 MPa	250 MPa	300 MPa	
Surface resistivity	Dissipative 10 ⁵ – 10 ⁹ Ω/square	Dissipative 10 ⁵ – 10 ⁹ Ω/square	Dissipative 10 ⁵ – 10 ⁹ Ω/square	
Thermal conductivity	0,24 W/m.K	0,24 W/m.K	0,3 W/m.K	
Sheet size	2350 x 1335 mm	2350 x 1335 mm	1170 x 1070 mm 2070 x 1070 mm	









Select with confidence our CDM® and Durapol® products fully adequate for your process specificities, and increase your Productivity, Performance, Safety and Serenity



Surface Mount

Solder Wave

Safety in operation

- Guaranted dissipative properties
- Excellent thermal conductivity
- Low thermal expansion

Hightemperature resistance

- Pre-heating conditions (140 170°C)
- Wave soldering, SMT reflow ovens (220 280°C)
- Selective soldering conditions (220 280°C)

Resistance to

- Excellent resistance to aggressive fluxes
- Adequacy with conformal coating
- Withstanding cleaning agents chemistry

Quality of assembly

- Machining performances
- Tight tolerances
- Stability of material during process



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CDM ESD 68940

VETRONIT EGS T23

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