

Resonac Corporation

Tokyo Shiodome Bldg., 1-9-1, Higashi-Shimbashi, Minato-Ku Tokyo 105-7325 JP

CEL-8240HF10G, CEL-8240HF10GK

Epoxy Molding Resin (EP - Molding), furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
BK	0.100	V-0	-	-	130	130	130
	0.40	V-0	-	-	130	130	130
	0.8	V-0	-	-	130	130	130
Comparative Tracking Index (CTI): 0				Inclined Plane Tracking (IPT) kV: -			
Dielectric Strength (kV/mm): 45				Volume Resistivity (10 ^X ohm-cm): -			
High-Voltage Arc Tracking Rate (HVTR): -				Surface Resistivity (10 ^X ohms/square): -			
Dimensional Change (%): -				High Volt, Low Current Arc Resis (D495): -			

IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.100	V-0 (BK)
			0.40	V-0 (BK)
			0.8	V-0 (BK)
Glow-Wire Flammability (GWI)	IEC 60695-2-12	°C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC AC Dielectric Strength (AC DS)	IEC 60243-1	kV/mm	-	-
IEC DC Dielectric Strength (DC DS)	IEC 60243-2	kV/mm	-	-
IEC Volume Resistivity (VR)	IEC 62631-3-1	10 ^X ohm-m	-	-
IEC Surface Resistivity (SR)	IEC 62631-3-2	10 ^X ohms	-	-
IEC Inclined Plane Tracking (IPT)	IEC 60587	kV	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-1	kJ/m ²	-	-