

Perfactory Material

Let us print your part!¹

E-CE (Cyan Ester)

EnvisionTEC's E-CE is a stiff, heat-resistant, high-performance dual-cure material that also offers chemical resistance. It is perfect for industrial products that require thermal stability such as electronics encasements and under-the-hood parts.

Material Properties ²	
Description	Value
Tensile Strength, ISO 527	85 - 96 MPa
Elongation at Break, ISO 527	2.4 - 3.1%
Tensile Modulus, ISO 527	4570 - 4730 MPa
Flexural Strength, ASTM D790	140 - 144 MPa
Flexural Modulus, ASTM 790	3350 - 3490 MPa
Heat Deflection Temperature, ASTM D648	170 °C at 1.82 MPa
Hardness Shore D, ASTM D2240	86 - 88
Viscosity, Brookfield	800 - 1000 cP @ 30 °C
Color	Orange

Recommended Machines
Perfactory LED Family, Micro Family



¹ Learn more at [EnvisionTEC.com/printmypart](https://www.envisiontec.com/printmypart)

² All data provided is preliminary and must be verified by the individual user