

Technical Data Sheet

EtroX[®] I CM G40 grey

PI

Typical characteristics

- high dimensional stability under heat
- Heat resistant
- Low creep tendency
- Low moisture absorption

Typical industries

- Semiconductor Industry
- Electronics

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,58
Mechanical properties			
Elongation at break	DIN EN ISO 527	%	2
Tensile modulus of elasticity	DIN EN ISO 527	MPa	5000
Tensile strength	DIN EN ISO 527	MPa	50
Shore hardness	DIN EN ISO 868	scale D	80
Ball indentation hardness	DIN EN ISO 2039-1	MPa	200
Thermal properties			
Temp. of deflection under load, 1.80 MPa	ISO 75-1/-2	°C	325
Temp. of deflection under load, 0.45 MPa	ISO 75-1/-2	°C	358

