

## TECHNICAL DATA SHEET

### Enform® 500C

Enform® 500C is a general purpose medium viscosity acetal homopolymer for injection molding. It has improved processing thermal stability, a good combination of mechanical properties, and low VOC emissions.

Properties	Test method	Unit	Value
Melt volume-flow rate (190°C/2,16kg)	ISO 1133	cm <sup>3</sup> /10 min	13
Melt mass-flow rate	ISO 1133	g/10 min	15
Molding shrinkage, parallel	ISO 294-4, 2577	%	2.0
Molding shrinkage, normal	ISO 294-4, 2577	%	1.9
Tensile Modulus	ISO 527-1/-2	MPa	3100
Yield stress	ISO 527-1/-2	MPa	70.5
Yield strain	ISO 527-1/-2	%	17
Nominal strain at break	ISO 527-1/-2	%	30
Flexural modulus	ISO 178	MPa	3000
Flexural stress at 3.5%	ISO 178	MPa	80
Coeff. Of linear therm. Expansion, parallel	ISO 11359-1/-2	E-6/K	100
Coeff. Of linear therm. expansion normal		E-6/K	100
Normal, -40-23°C	ISO 11359-1/-2	E-6/K	90
Parallel, -40-23°C		E-6/K	90