

HOSTAFORM® SX90

Hostaform® SX90 is an integrally colored SpecialX nominal 9 melt flow rate based acetal copolymer material. This grade provides a unique part appearance while retaining the mechanical performance expected from unfilled acetal copolymer grades.

Rheological properties

Melt volume-flow rate	8 cm ³ /10min	ISO 1133
Temperature	190 °C	
Load	2.16 kg	

Typical mechanical properties

Tensile Modulus	2800 MPa	ISO 527-1/-2
Yield stress, 50mm/min	60 MPa	ISO 527-1/-2
Yield strain, 50mm/min	8 %	ISO 527-1/-2
Charpy notched impact strength, 23°C	4 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	166 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	92 °C	ISO 75-1/-2

Other properties

Density	1420 kg/m ³	ISO 1183
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Injection

Drying Temperature	100 - 120 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Max. mould temperature	105 - 130 °C
Back pressure	1 MPa
Injection speed	slow-medium