

HOSTAFORM® SX90Z XAP®2

Special effect UV colors, low emission

Hostaform® SX90Z XAP®2 is an integrally colored SpecialLX nominal 9 melt flow rate based acetal copolymer material stabilized for use where ultraviolet radiation exposure is to be encountered. The material is formulated to prevent discoloration, fading, chalking and mechanical property change in severe ultraviolet exposure. This product is formulated for the interior automotive market and other applications. Reduced emission grade. Emissions according to VDA 275 < 5 mg/kg

Rheological properties

Melt volume-flow rate	8 cm ³ /10min	ISO 1133
Temperature	190 °C	
Load	2.16 kg	
Moulding shrinkage, parallel	2.2 %	ISO 294-4, 2577
Moulding shrinkage, normal	2.0 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	2700 MPa	ISO 527-1/-2
Yield stress, 50mm/min	58 MPa	ISO 527-1/-2
Yield strain, 50mm/min	9 %	ISO 527-1/-2
Charpy notched impact strength, 23°C	4.5 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	166 °C	ISO 11357-1/-3
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Other properties

Density	1430 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

Processing Texts

Pre-drying	Drying is required for this material to prevent poor appearance and performance of the part.
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