

HOSTAFORM[®] SX90Z XAP[®] **HOSTAFORM®**

Hostaform® SX90Z XAP® is an integrally colored SpeciaLX 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 < 10 mg/kg

Product information Resin Identification Part Marking Code	POM >POM<		ISO 1043 ISO 11469
Rheological properties Melt volume-flow rate		cm ³ /10min	ISO 1133
Temperature Load	190 2.16	kg	
Moulding shrinkage, parallel Moulding shrinkage, normal	2.3 2.0		ISO 294-4, 2577 ISO 294-4, 2577
Typical mechanical properties			
Tensile modulus Tensile stress at yield, 50mm/min Tensile strain at yield, 50mm/min Flexural modulus Charpy notched impact strength, 23°C Poisson's ratio	9 2450	MPa %	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 179/1eA
Thermal properties			
Melting temperature, 10 °C/min Temperature of deflection under load, 1.8 MPa Temperature of deflection under load, 0.45 MPa Coefficient of linear thermal expansion	155	°C	ISO 11357-1/-3 ISO 75-1/-2 ISO 75-1/-2 ISO 11359-1/-2
(CLTE), parallel Coefficient of linear thermal expansion (CLTE), normal [1]: Temperature range: -30°C to 100°C	134 ^[1]	E-6/K	ISO 11359-1/-2
Physical/Other properties			
Density	1410	kg/m³	ISO 1183
Injection			
Drying Recommended Drying Temperature Drying Time, Dehumidified Dryer Processing Moisture Content Melt Temperature Optimum Min. melt temperature Max. melt temperature Screw tangential speed	yes 100 3 - 4 ≤0.2 190 180 195 ≤0.3	h % °C °C °C	

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115 °C
105 °C
130 °C
60 - 120 MPa
0.5 MPa

Characteristics

Processing	Injection Moulding
Special characteristics	U.V. stabilised or stable to weather, Low emissions

Additional information

Processing Notes

Pre-Drying

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

Automotive

OEM Stellantis Stellantis - Chrysler STANDARD MS.502xx / POM-C.2400F.5C.MF MS.50095 / CPN-1758 ADDITIONAL INFORMATION CPN1758 100% COLOR MATCH 100% Color Match

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