



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

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Product information			
Resin Identification Part Marking Code	POM >POM<		ISO 1043 ISO 11469
Rheological properties			
Melt volume-flow rate	8	cm ³ /10min	ISO 1133
Temperature	190	_	
Load	2.16	•	
Moulding shrinkage, parallel	2.3		ISO 294-4, 2577
Moulding shrinkage, normal	2.0	%	ISO 294-4, 2577
Typical mechanical properties			
Tensile modulus	2700	MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min		MPa	ISO 527-1/-2
Tensile strain at yield, 50mm/min		%	ISO 527-1/-2
Flexural modulus	2450		ISO 178
Charpy notched impact strength, 23°C		kJ/m²	ISO 179/1eA
Poisson's ratio	0.37		
Thermal properties			
Melting temperature, 10°C/min	166	°C	ISO 11357-1/-3
Temperature of deflection under load, 1.8 MPa		°C	ISO 75-1/-2
Temperature of deflection under load, 0.45 MPa	155		ISO 75-1/-2
Coefficient of linear thermal expansion	13611	E-6/K	ISO 11359-1/-2
(CLTE), parallel Coefficient of linear thermal expansion (CLTE),	124[1]	E-6/K	ISO 11359-1/-2
normal	104	L-0/IX	100 11009-1/-2
[1]: Temperature range: -30°C to 100°C			
Physical/Other properties			
Density	1410	kg/m ³	ISO 1183
Injection			
Drying Recommended	yes		
Drying Temperature	100	°C	
Drying Time, Dehumidified Dryer	3 - 4		
Processing Moisture Content	≤0.2		
Melt Temperature Optimum	190		
Min. melt temperature Max. melt temperature	180 195		
Screw tangential speed	≤0.3		
Coron tangontial speed	_0.0	111,0	

Printed: 2025-05-30 Page: 1 of 2

Revised: 2024-07-12 Source: Celanese Materials Database





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Mold Temperature Optimum115°CMin. mould temperature105°CMax. mould temperature130°CHold pressure range60 - 120MPaBack pressure0.5MPa

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 STANDARD ADDITIONAL INFORMATION
Stellantis MS.502xx / POM-C.2400F.5C.MF CPN1758 100% COLOR MATCH

Stellantis - Chrysler MS.50095 / CPN-1758 100% Color Match

Printed: 2025-05-30 Page: 2 of 2

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