

# HOSTAFORM<sup>®</sup> S 9244 XAP<sup>®</sup>2 LS HOSTAFORM®

POM copolymer, modified Injection molding type, elastomer-containing; with higher impact strength and slightly lower hardness, rigidity and chemical resistance than unmodified acetal copolymer. Reduced emission grade, Emission according to VDA 275 < 5 mg/kg good weld strength. Preliminary Datasheet for natural and colored grades

Product information Resin Identification Part Marking Code	POM >POM<		ISO 1043 ISO 11469
Rheological properties Melt volume-flow rate Temperature Load Moulding shrinkage, parallel Moulding shrinkage, normal	1.4 190 2.16 1.7 1.6	kg %	ISO 1133 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 Nominal strain at break Flexural modulus Tensile creep modulus, 1h Tensile creep modulus, 1000h Charpy impact strength, 23 °C Charpy impact strength, -30 °C Charpy notched impact strength, 23 °C Charpy notched impact strength, -30 °C Poisson's ratio [P]: Partial Break [C]: Calculated	7 >50 1450 1200 650 N 200 <sup>[P]</sup> 18	MPa % %	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 899-1 ISO 899-1 ISO 179/1eU ISO 179/1eU ISO 179/1eA
Thermal properties Melting temperature, 10 ° C/min Temperature of deflection under load, 1.8 MPa Coefficient of linear thermal expansion (CLTE), parallel Electrical properties Relative permittivity, 100Hz Relative permittivity, 10Hz Dissipation factor, 10Hz Dissipation factor, 10Hz Volume resistivity Surface resistivity Comparative tracking index	130 3.6 3.6 40 60	°C E-6/K E-4 E-4 Ohm.m	ISO 11357-1/-3 ISO 75-1/-2 ISO 11359-1/-2 IEC 62631-2-1 IEC 62631-2-1 IEC 62631-2-1 IEC 62631-2-1 IEC 62631-3-1 IEC 62631-3-2 IEC 60112

Printed: 2025-05-30



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### Physical/Other properties

Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Water absorption, 2mm	1.2	%	Sim. to ISO 62
Density	1260	kg/m³	ISO 1183
Injection			
Drying Recommended	no		
Drying Temperature	100	°C	
Drying Time, Dehumidified Dryer	3 - 4	h	
Processing Moisture Content	≤0.2	%	
Melt Temperature Optimum		°C	
Min. melt temperature		°C	
Max. melt temperature	200		
Screw tangential speed	≤0.3		
Mold Temperature Optimum		°C	
Min. mould temperature		°C °C	
Max. mould temperature	80 60 - 120	-	
Hold pressure range	00 - 120	MFa	
Characteristics			
Processing	Injection Moulding		
Delivery form	Pellets		
Additives	Release agent		
Special characteristics	High impact or impact modified, Light stabilised or stable to light, U.V. stabilised or stable to weather, Low emissions, Improved weld line		
Automotivo			

#### Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
Mercedes-Benz	DBL5404	BQF

Printed: 2025-05-30

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#### Revised: 2024-07-08 Source: Celanese Materials Database

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