

HOSTAFORM[®] S 27244 XAP[®]2 HOSTAFORM®

Easy flow, high impact modified injection molding grade, with good low temperature impact strength and good weld line strength and reduced emissions. Emission according to VDA 275 < 5 mg/kg Preliminary data sheet

Product information Resin Identification Part Marking Code	POM >POM<		ISO 1043 ISO 11469
Rheological properties Melt volume-flow rate Temperature Load	4.5 190 2.16		ISO 1133
Typical mechanical properties Tensile modulus Tensile stress at yield, 50mm/min Tensile strain at yield, 50mm/min Nominal strain at break Charpy impact strength, 23°C Charpy notched impact strength, 23°C Charpy notched impact strength, -30°C Poisson's ratio [C]: Calculated	34 8.5 50 N 15		ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 179/1eU ISO 179/1eA ISO 179/1eA
Thermal properties Temperature of deflection under load, 1.8 MPa	69	°C	ISO 75-1/-2
Physical/Other properties Density	1260	kg/m³	ISO 1183
Injection Drying Recommended Drying Temperature Drying Time, Dehumidified Dryer Processing Moisture Content Melt Temperature Coptimum Min. melt temperature Max. melt temperature Screw tangential speed Mold Temperature Optimum Min. mould temperature Max. mould temperature Hold pressure range Back pressure	60 80 60 - 120	h % °C °C °C m/s °C °C °C	

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Characteristics

Processing	Injection Moulding
Delivery form	Pellets
Additives	Release agent
Special characteristics	High impact or impact modified, High Flow, Low emissions, Improved weld line

Automotive

OEM Mercedes-Benz

STANDARD DBL5404 ADDITIONAL INFORMATION BQF

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Revised: 2024-02-04 Source: Celanese Materials Database

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