

HOSTAFORM[®] S 9244 XAP[®]2 LS

Impact Modified, UV-stabilized

POM copolymer, modified Injection molding type, elastomer-containing; with higher impact strength and slightly lower hardness, rigidity and chemical resistance than the basic type HOSTAFORM® C 9021 Reduced emission grade, Emission according to VDA 275 < 5 mg/kg good weld strength. Preliminary Datasheet for natural and colored grades

Rheological properties

Melt volume-flow rate1.4Temperature190Load2.16Moulding shrinkage, parallel1.7Moulding shrinkage, normal1.6	kg % ISO 294-4, 2577
Yield stress, 50mm/min33Yield strain, 50mm/min7Nominal strain at break>50Flexural Modulus1450Tensile creep modulus, 1h1200Tensile creep modulus, 1000h650Charpy impact strength, 23°CNBCharpy impact strength, -30°C200 ^[P] Charpy notched impact strength, 23°C18	MPaISO 527-1/-2MPaISO 527-1/-2%ISO 527-1/-2%ISO 527-1/-2MPaISO 527-1/-2MPaISO 899-1MPaISO 899-1MPaISO 899-1kJ/m²ISO 179/1eUkJ/m²ISO 179/1eUkJ/m²ISO 179/1eUkJ/m²ISO 179/1eUkJ/m²ISO 179/1eAkJ/m²ISO 179/1eA
Thermal properties	
Vicat softening temperature, 50°C/h, 50N 115	°C ISO 75-1/-2
Electrical properties	
Dissipation factor, 1MHz60Volume resistivity1E11	IEC 62631-2-1 IEC 62631-2-1 E-4 IEC 62631-2-1 E-4 IEC 62631-2-1 Ohm.m IEC 62631-3-1 Ohm IEC 62631-3-2 PLC UL 746A



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Other properties			
Humidity absorption, 2mm		0.2 %	Sim. to ISO 62
Water absorption, 2mm		1.2 %	Sim. to ISO 62
Density		1260 kg/m ³	ISO 1183
Injection			
Drying Temperature	100 - 120 °C		
Drying Time, Dehumidified Dryer		3-4 h	
Characteristics			
Additives	Release agent		
Other Approvals			
Other Approvals	OEM	Specification	Additional Information
	Mercedes-Benz Group	DBL 5404	BQF

(Daimler)

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