

HOSTAFORM® S 27242 XAP®2

Impact modified, low emission

Easy flow, 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

Rheological properties

Melt volume-flow rate	17 cm ³ /10min	ISO 1133
Temperature	190 °C	
Load	2.16 kg	

Typical mechanical properties

Tensile Modulus	2100 MPa	ISO 527-1/-2
Yield stress, 50mm/min	50 MPa	ISO 527-1/-2
Yield strain, 50mm/min	8.5 %	ISO 527-1/-2
Nominal strain at break	40 %	ISO 527-1/-2
Charpy impact strength, 23°C	130 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	7 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30 °C	5.5 kJ/m ²	ISO 179/1eA

Other properties

Density	1360 kg/m ³	ISO 1183
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Injection

Drying Temperature	100 - 120 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Processing Moisture Content	0.15 %
Screw tangential speed	0.2 - 0.21 m/s
Max. mould temperature	60 - 80 °C
Back pressure	2 MPa
Injection speed	slow-medium

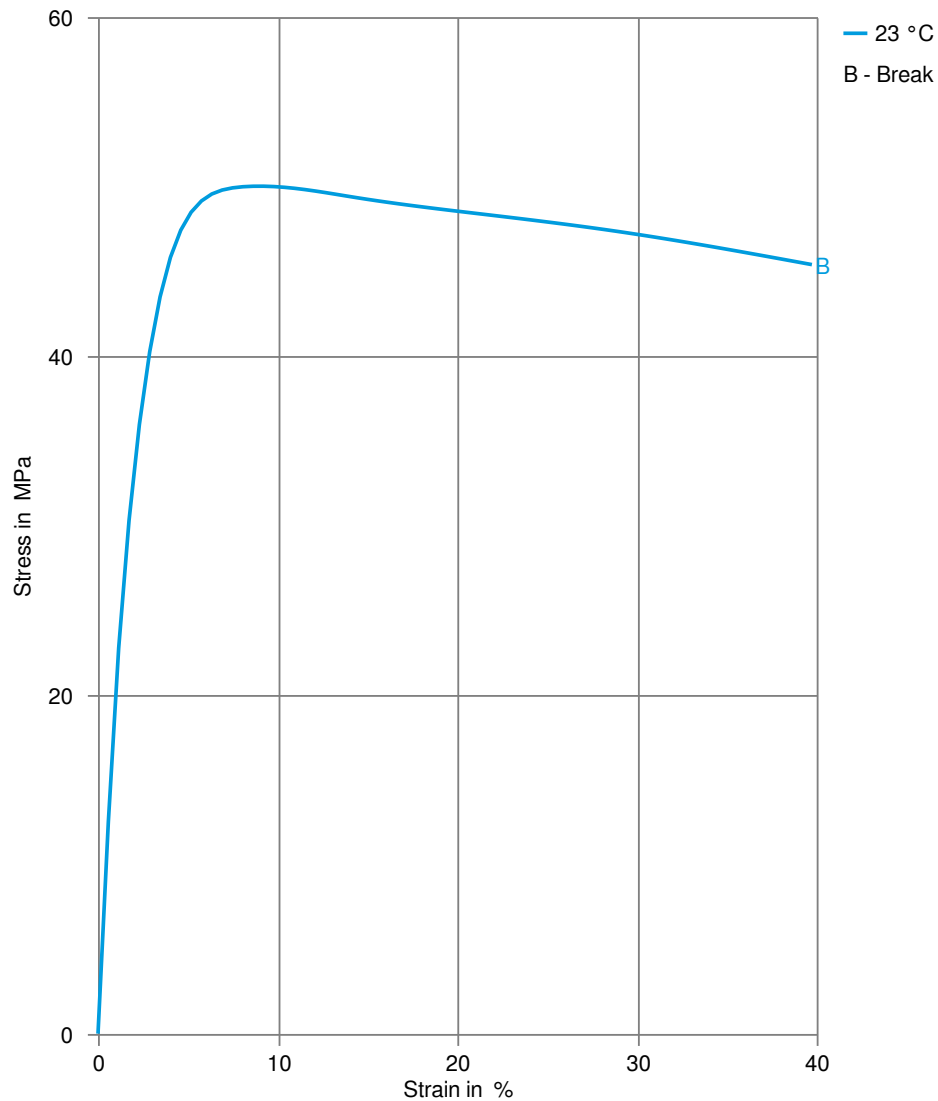
Characteristics

Additives	Release agent
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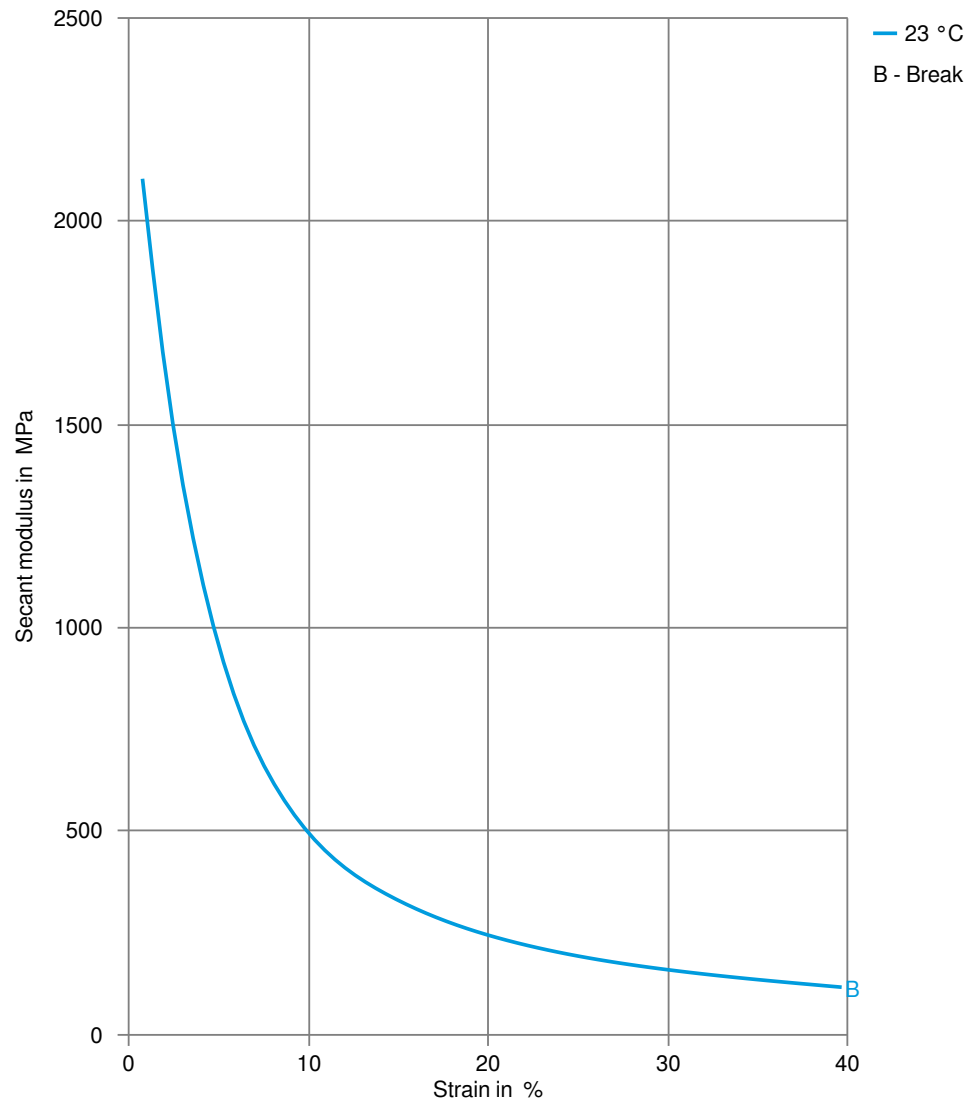
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Stress-strain



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Secant modulus-strain



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Other Approvals

Other Approvals

OEM	Specification	Additional Information
Mercedes-Benz Group (Daimler)	DBL 5404	BQF

