

HOSTAFORM® SXT90Z-01 XAP®

Impact modified, UV resistant grade

Hostaform® acetal copolymer grade SXT90Z-01 XAP® is a UV stabilized, impact modified material available in a range of colors for automotive interior applications, while also meeting the typical low emission requirements of the automotive market. Chemical abbreviation according to ISO 1043-1: POM-HI Low emission performance (VDA 275) < 10 ppm

Rheological properties

Melt volume-flow rate	7 cm ³ /10min	ISO 1133
Temperature	190 °C	
Load	2.16 kg	
Moulding shrinkage, parallel	2.2 %	ISO 294-4, 2577
Moulding shrinkage, normal	1.8 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	1900 MPa	ISO 527-1/-2
Yield stress, 50mm/min	49 MPa	ISO 527-1/-2
Yield strain, 50mm/min	12 %	ISO 527-1/-2
Flexural Modulus	1850 MPa	ISO 178
Charpy impact strength, 23°C	NB kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	NB kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	11 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	10 kJ/m ²	ISO 180/1A
Izod notched impact strength, -40°C	8 kJ/m ²	ISO 180/1A

Thermal properties

Melting temperature, 10°C/min	166 °C	ISO 11357-1/-3
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Other properties

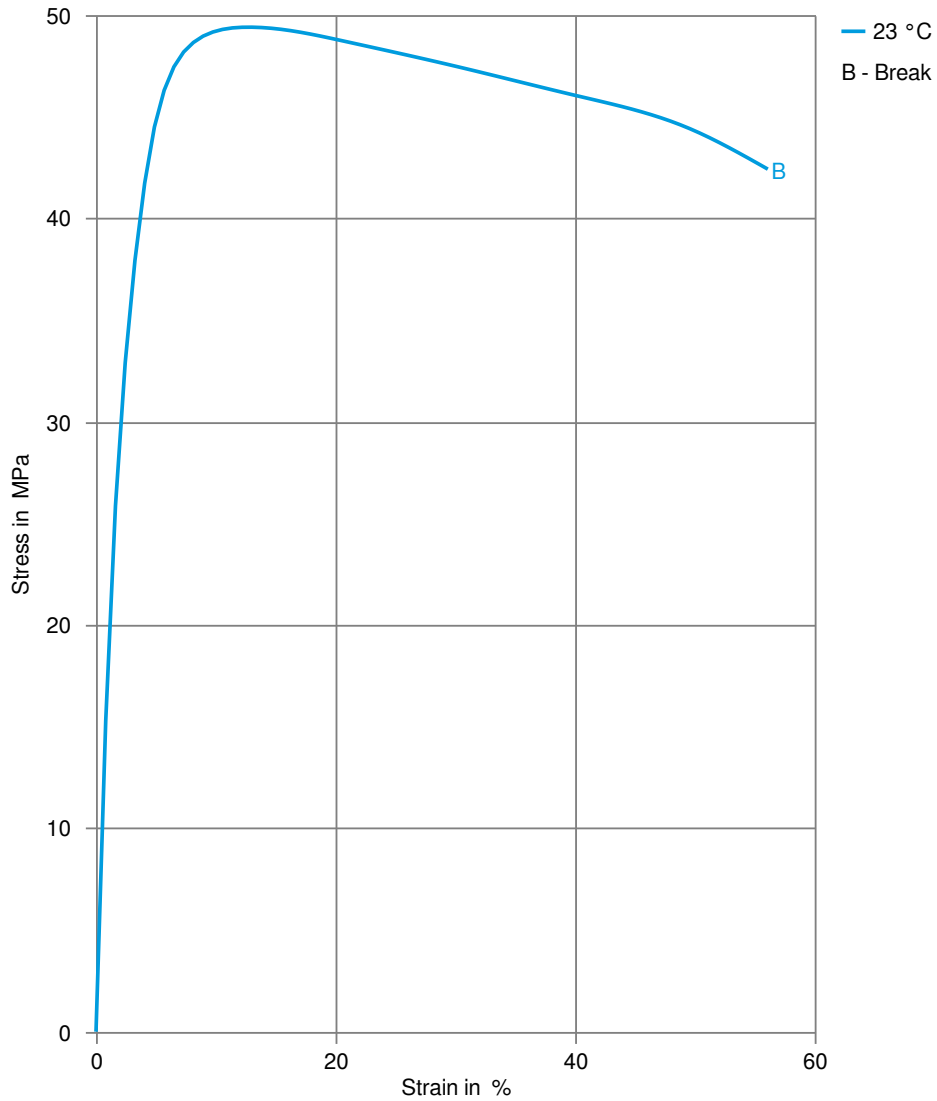
Water absorption, 2mm	0.65 %	Sim. to ISO 62
Density	1380 kg/m ³	ISO 1183

Injection

Drying Temperature	100 - 120 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Max. mould temperature	60 - 70 °C
Back pressure	2 MPa
Injection speed	slow

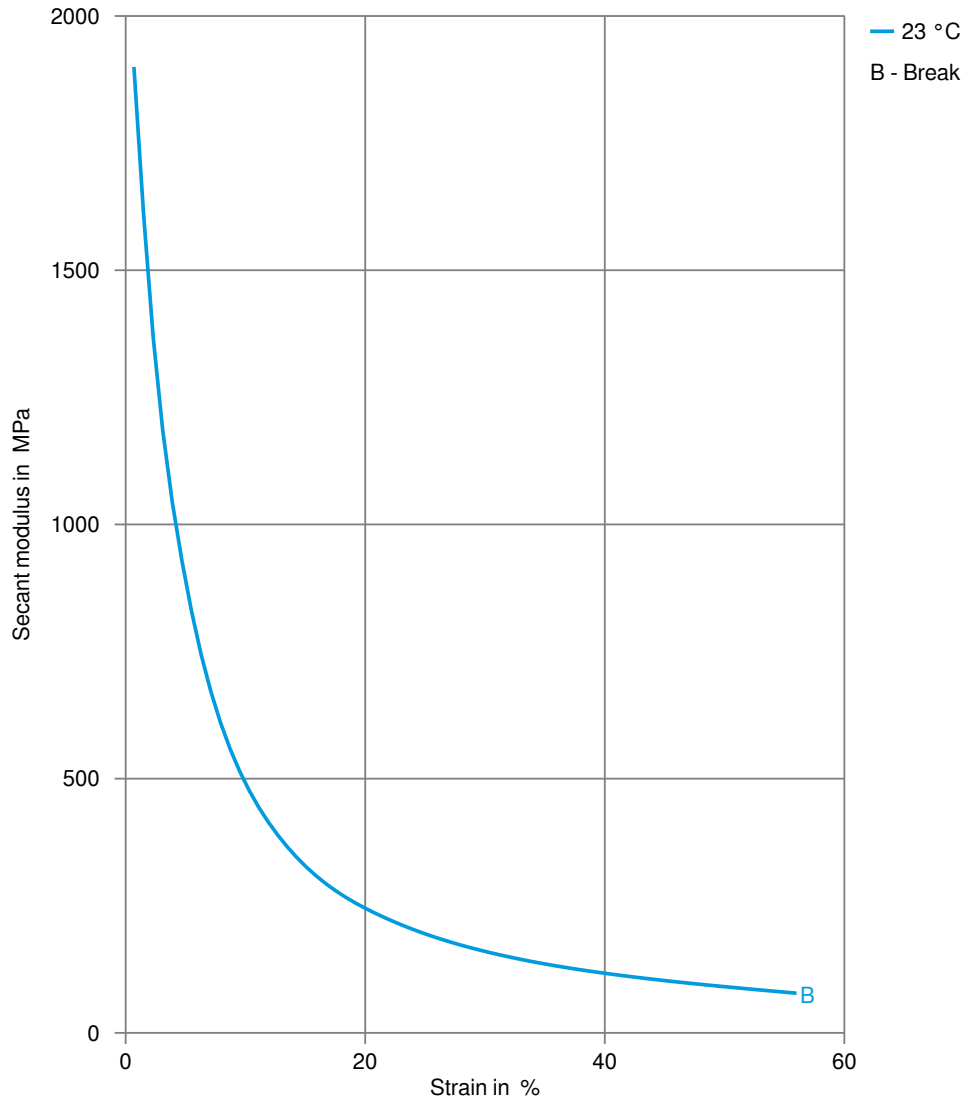
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Stress-strain



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Secant modulus-strain



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Processing Texts

Pre-drying

Drying is not normally required. If material has come in contact with moisture through improper storage or handling or through regrind use, drying to prevent splay and odor problems.

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