HOSTAFORM® SXT90Z-02 XAP®

Impact modified, UV resistant, Reduced emissions
Hostaform® acetal copolymer grade SXT90Z-02 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	4	$cm^3/10min$	ISO 1133
Temperature	190	°C	
Load	2.16	kg	

Typical mechanical properties

Tensile Modulus	1500	MPa	ISO 527-1/-2
Yield stress, 50mm/min	41	MPa	ISO 527-1/-2
Yield strain, 50mm/min	13	%	ISO 527-1/-2
Flexural Modulus	1450	MPa	ISO 178
Flexural Stress at 3.5%	40	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	13	kJ/m^2	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m^2	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	166	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	65	°C	ISO 75-1/-2

Other properties

Water absorption, 2mm	0.65	%	Sim. to ISO 62
Density	1360	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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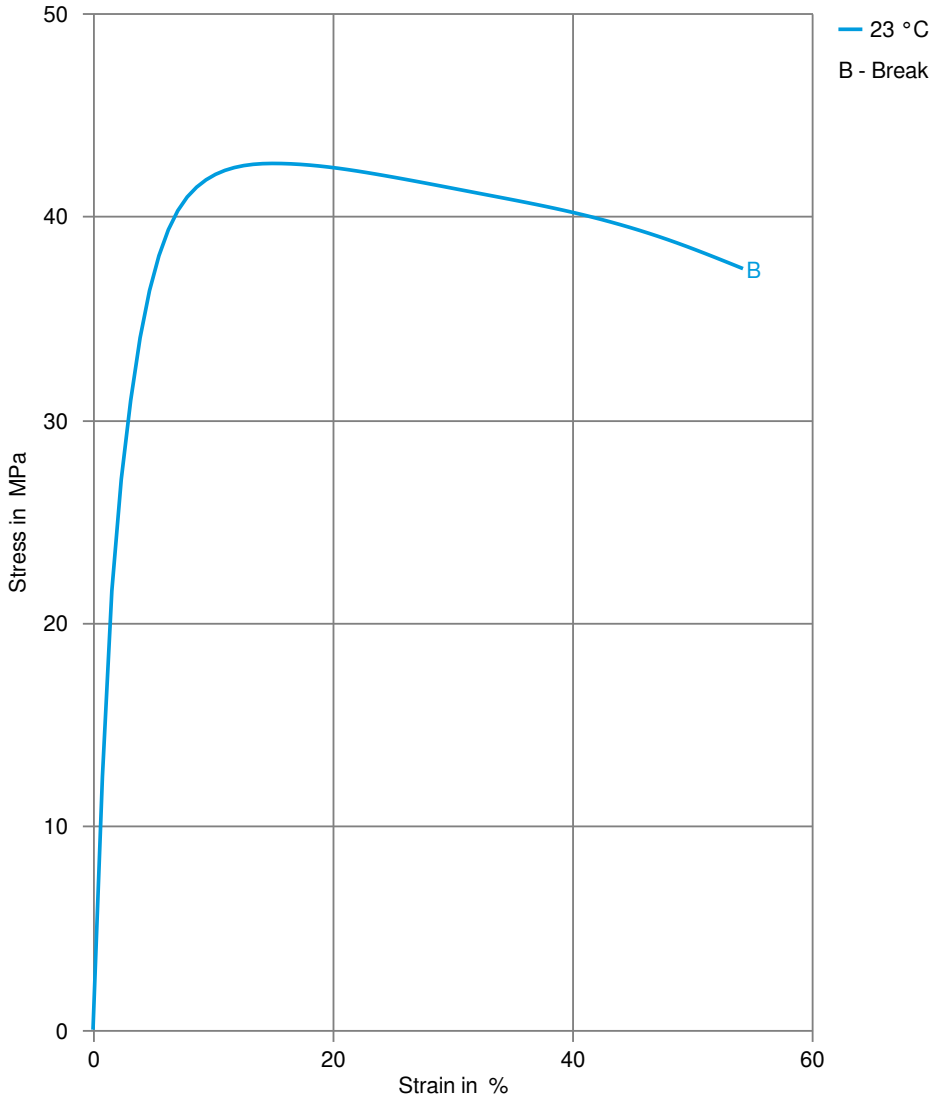
Stress-strain



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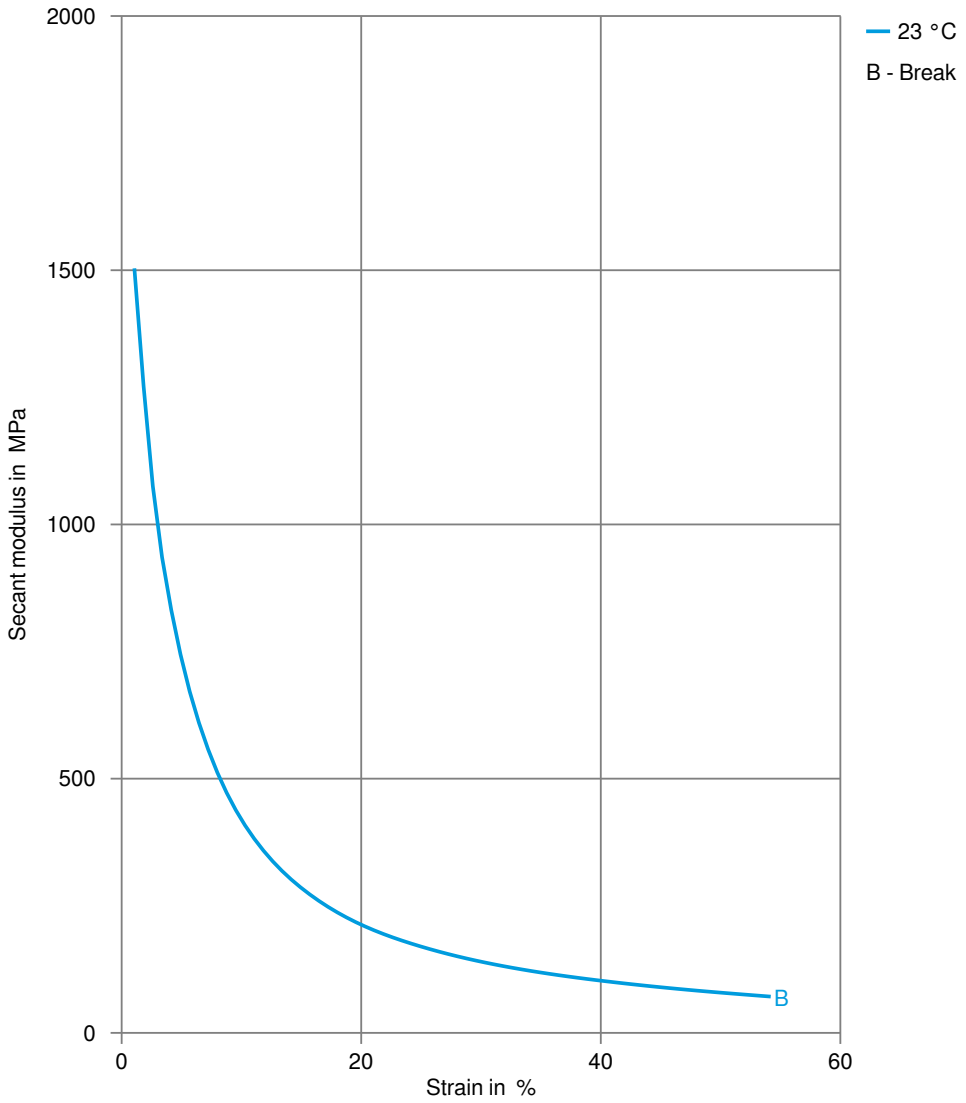
Secant modulus-strain



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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.