

HOSTAFORM® LX90Z XAP®2

Low emission, UV resistant grade, Metallic colors

Hostaform® acetal copolymer grade LX90Z XAP®2 is UV stabilized material available in a range of molded in metallic colors generally for automotive interior applications. In addition, Hostaform® LX90Z XAP®2 has lower volatile emissions as required for some automotive interiors. Besides material, optimal finish for specialty metallic parts is dependent on proper drying, gate design, knit line locations, and special processing. Please contact Celanese Technical Service for assistance with your application. Low Emission Performance [VDA-275] <5 PPM

Rheological properties

Moulding shrinkage, parallel	2.3 %	ISO 294-4, 2577
Moulding shrinkage, normal	1.4 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	2700 MPa	ISO 527-1/-2
Yield stress, 50mm/min	54 MPa	ISO 527-1/-2
Yield strain, 50mm/min	8 %	ISO 527-1/-2
Flexural Modulus	2900 MPa	ISO 178
Flexural Stress at 3.5%	67 MPa	ISO 178
Charpy notched impact strength, 23°C	4 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4 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	90 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	147 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	90 E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	100 E-6/K	ISO 11359-1/-2

Other properties

Humidity absorption, 2mm	0.2 %	Sim. to ISO 62
Water absorption, 2mm	0.75 %	Sim. to ISO 62
Density	1430 kg/m ³	ISO 1183

Injection

Drying Temperature	100 - 120 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Max. mould temperature	100 - 125 °C
Back pressure	4 MPa
Injection speed	slow

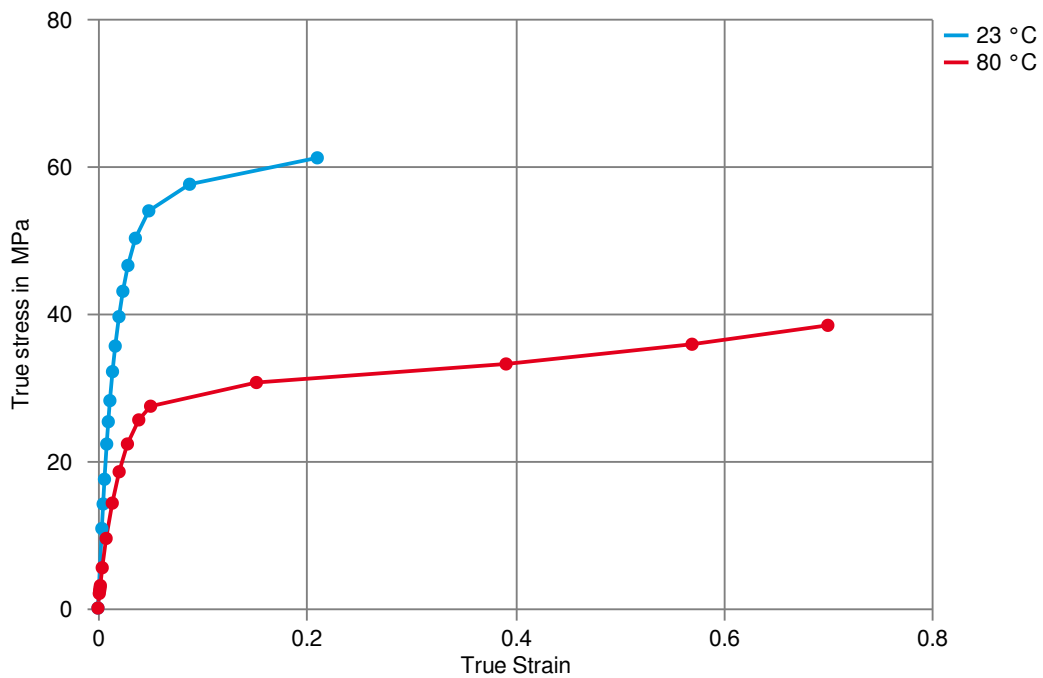
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Characteristics

Additives

Release agent

True stress-strain



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Processing Texts

Pre-drying

Drying is required for this material to prevent poor appearance and performance of the part.

Other Approvals

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OEM	Specification	Additional Information
Stellantis - Chrysler	CPN 5080	100% color match
Mercedes-Benz Group (Daimler)	DBL 5404	BQF
Stellantis - FCA Group		Specified on each application (CC44998 PXA Silver)
GM	GMW17624P-POM	Metallic colors
Nissan		Color approved
Stellantis - PSA Group	FTM69 0012	
Stellantis - PSA Group	01378_15_02346	
Renault	UB15	