

# HOSTAFORM® UV140LG XAP®

UV resistant - automotive, low gloss surface, broad range of colors

Hostaform® acetal copolymer grade UV140LG XAP® is a specialty grade of acetal copolymer formulated to provide good flow with a low gloss finish and a UV stability necessary for interior automotive applications. In addition, Hostaform® UV140LG XAP® exhibits low emissions for automotive interiors. Low emission Performance [VDA 275] <10 PPM

## Rheological properties

Melt volume-flow rate	13 cm <sup>3</sup> /10min	ISO 1133
Temperature	190 °C	
Load	2.16 kg	
Moulding shrinkage, parallel	2.0 %	ISO 294-4, 2577
Moulding shrinkage, normal	1.8 %	ISO 294-4, 2577

## Typical mechanical properties

Tensile Modulus	2100 MPa	ISO 527-1/-2
Yield stress, 50mm/min	48 MPa	ISO 527-1/-2
Yield strain, 50mm/min	10 %	ISO 527-1/-2
Charpy notched impact strength, 23°C	3.5 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	4 kJ/m <sup>2</sup>	ISO 179/1eA

## Thermal properties

Melting temperature, 10°C/min	168 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	85 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	147 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h, 50N	130 °C	ISO 306

## Other properties

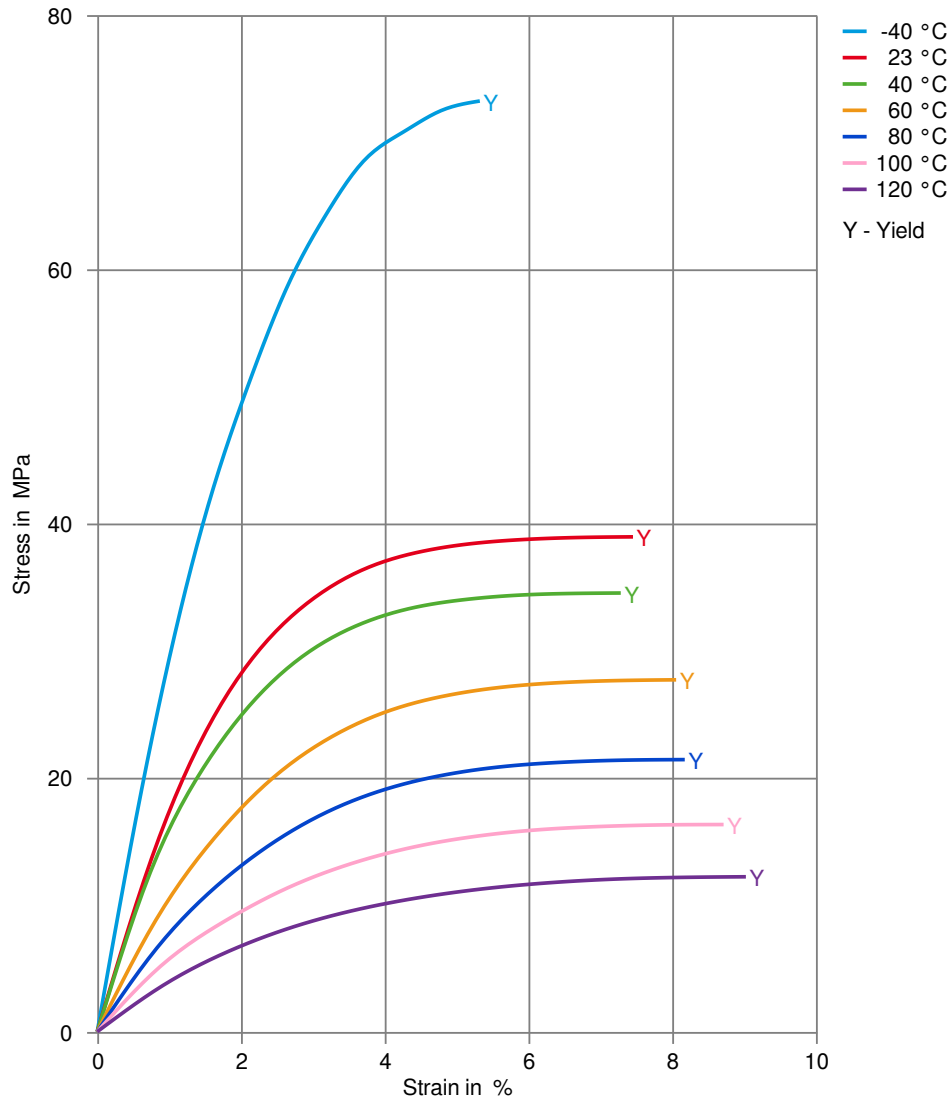
Density	1370 kg/m <sup>3</sup>	ISO 1183
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## Injection

Drying Temperature	100 - 120 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Max. mould temperature	80 - 105 °C
Back pressure	4 MPa
Injection speed	slow

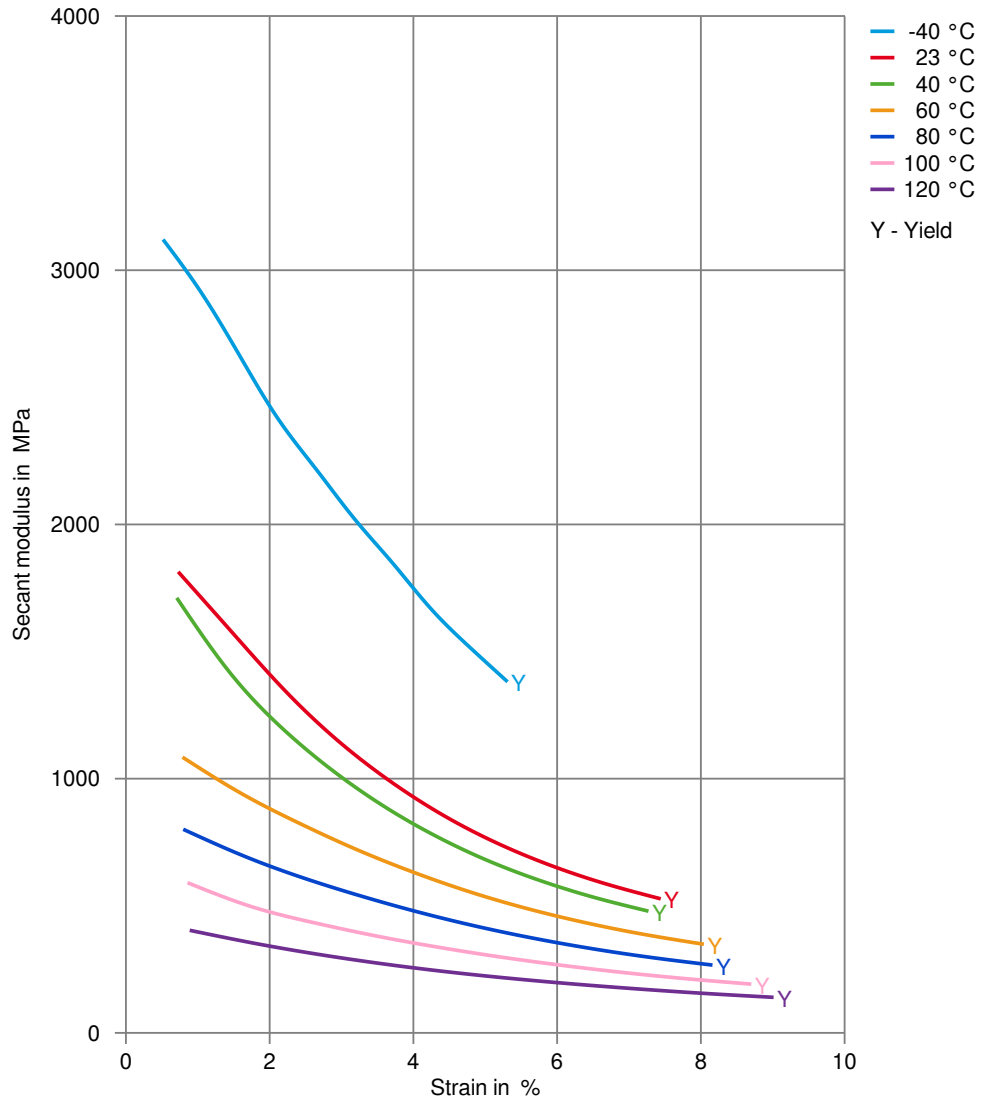
# HOSTAFORM® UV140LG XAP®

## Stress-strain



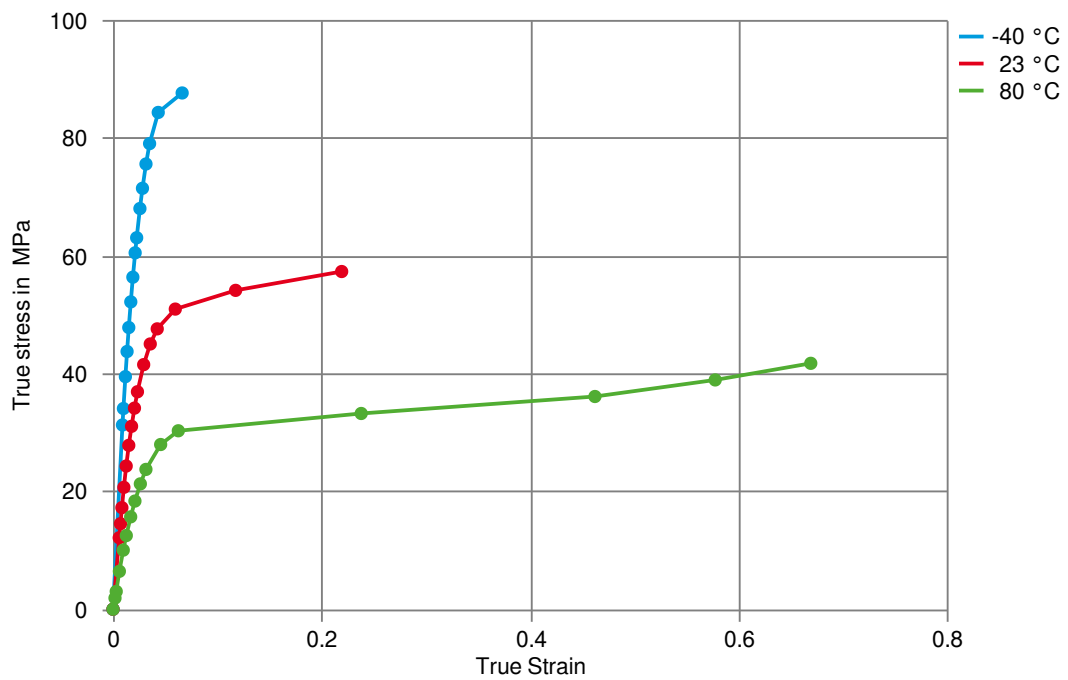
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## Secant modulus-strain



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## True stress-strain



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## Processing Texts

Pre-drying

Predrying is required before processing to ensure a low gloss finish.

## Other Approvals

Other Approvals

OEM	Specification
GM	GMW16657

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