

HOSTAFORM® LX270Z XAP®2

Hostaform® acetal copolymer grade LX270Z XAP®2 is a UV stabilized material available in a range of molded in metallic colors generally for automotive interior applications and is a higher flow grade than LX90Z. In addition, Hostaform® LX270Z XAP®2 has lower volatile emissions as required for some automotive interiors. Flow properties of this grade is based upon the standard acetal acetal copolymer and flow testing does not reflect how it actually flows. 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.

Typical mechanical properties

Tensile Modulus	3100 MPa	ISO 527-1/-2
Yield stress, 50mm/min	55 MPa	ISO 527-1/-2
Flexural Modulus	2930 MPa	ISO 178
Charpy notched impact strength, 23°C	3 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	167 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	90 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	105 E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	94 E-6/K	ISO 11359-1/-2

Other properties

Density	1430 kg/m ³	ISO 1183
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Other Approvals

Other Approvals	OEM	Specification	Additional Information
	Stellantis - Chrysler	CPN 5080	100% Color match