

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% | | MPa | ISO 178 |
| Charpy notched impact strength, 23°C | 4 | kJ/m² | ISO 179/1eA |
| Charpy notched impact strength, -30 °C | 4 | kJ/m² | ISO 179/1eA |
| Thermal properties | | | |
| Melting temperature, 10°C/min | 166 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.8 MPa | | °Č | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 147 | | 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 | | |
| Max. mould temperature | 100 - 125 | | |
| Back pressure | | MPa | |
| Injection speed | slow | | |
| | | | |



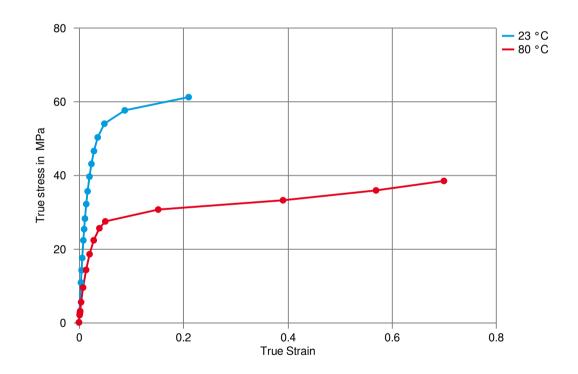
HOSTAFORM[®] LX90Z XAP[®]2

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

Other Approvals

| 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 | |

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