# Plastiverd LBL200

## Tech Polymer

March 2022, Version 01

PLASTIVERD LBL200 is a highly modified copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. It is specially designed for luxury cosmetic packaging tooth-brushes by injection process, thick wall parts and moulds filler for sophisticate parts, it can also provide good results in the manufacture of profiles by extrusion. Its high fluidity makes the material easy to process ant it provides excellent gloss, clarity and good melt strength.

| SPECIFICATIONS | | | |
|---|---|---|---|
| Property | Unit | Value | Test Method |
| Intrinsic Viscosity | dL/gr | 0'62 ± 0'02 | LQ-M-001 |
| Colour L | - | ≥ 84 | ASTM 6290 |
| Colour b* | - | ≤ 0 | ASTM 6290 |

| TYPICAL PROPIERTIES | | | |
|---|---|---|---|
| Property | Unit | Value | Test Method |
| Specific Density Crystalline | $g \cdot cm^{-3}$ | > 1'37 | - |
| Moisture | % | ≤ 0'20 | - |
| Bulk Density | $Kg \cdot m^{-3}$ | 840 | - |
| Weight of 20 chips | mg | 320 | - |
| Melting Point | °C | 225-235 | - |
| Typical Moulding Temperature | °C | 270-270 | - |
| Drying Conditions - Temperature | °C | 150-160 | - |
| Drying Conditions - Time | h | 5-6 | - |

All proper are measured under laboratory conditions by the analytical method shown. Method LQ-M-001 is based on ISO 1628.
Different methods or conditions of analysis may give different values. Purchased material will be accompanied by Certificate or Analysis, with representative average values of specified properties.

**Food Contact Statement:** PLASTIVERD LBL200 complies with the composition of requirements of the Regulation (EC) No 10/2011, Regulation (CE) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on Cosmetic Products and the EU directive on Packaging Waste (94/62/EC) and its amendments. For more information, contact your local Plastiverd representative.

*For queries or further information relating to this statement summary document please contact with Costumer Service*

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