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elixir hot fill

elixir hotfill - product specification sheet

| Property | Unit | Range | Tolerance | Test method |
|---------------------------------|-------------------|-------|-----------|-------------|
| Intrinsic Viscosity (IV): | dlg ⁻¹ | 0.81 | +0.02 | BHL0005 |
| Melting Point: | °C | 250 | Minimum | BHL0015 |
| Acetaldehyde Content: | ppm | <1.0 | Maximum | BHL0003 |
| Colour Difference: b* value: | CIEL | 2.0 | Maximum | BHL0001 |
| Moisture Content: | % | <0.4 | Maximum | BHL0006 |
| Reheat Additive (carbon) | ppm | 6 | Maximum | - |
| UV Transmission | 370nm | <10% | - | BHL0012 |

- Elixir PET resin complies with the U.S. FDA Code of Federal Regulations Title 21 part 177.1630 and EC Directive 2002/72/EC with respect to its use for food contact applications.
- Typical drying conditions:
 Maximum acceptable moisture level: 50ppm
 Drying air temp: 160-180°C
 Drying air dew point: < -40°C
 Drying residence time: 4-6hours
- Typical moulding conditions:
 Barrel temperatures: 275-285 °C

The conditions quoted above are typical. Individual machine parameters should be determined on a machine-by-machine basis.

Revision history - New Website Document

