

Template code	WPSC-STD
Template revision	04
Date	09 May 2005
Document code	WPSC031
Revision level	04



elixir CO2 IR - product specification sheet

Property	Unit	Range	Tolerance	Test method
Intrinsic Viscosity (IV):	dlg ⁻¹	0.82/0.84	+/-0.02	BHL0005
Melting Point:	°C	240	Minimum	BHL0015
Acetaldehyde Content:	ppm	<1.0	Maximum	BHL0003
Colour Difference: b* value:	CIEL	2.0	Maximum	BHL0001
Moisture Content:	%	<0.4	Maximum	BHL0006

- Elixir CO₂ IR 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

