

Plastiverd AQUA

April 2014, Version 00

AQUA is a copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. It is suitable for the stretch blow Moulding process in one or two stages.

This resin has been specially conceived for still water packaging. It has the required mechanical strength, neutral colour tone, high transparency and makes it possible to obtain excellent organoleptic properties in the conversion process which this kind of package demands. It can also be used for other different non-carbonated beverage packaging.

| SPECIFICATIONS | | | |
|---------------------|-------|-------------|-------------|
| Property | Unit | Value | Test Method |
| Intrinsic Viscosity | dL/gr | 0'78 ± 0'02 | ISO 1628 |
| Colour L | - | ≥ 85 | ASTM 6290 |
| Colour b* | - | ≤ 0 | ASTM 6290 |
| Acetaldehyde | ppm | ≤ 1 | ASTM F2013 |

| TYPICAL PROPIERTIES | | | |
|---------------------------------|--------------------|---------|-------------|
| Property | Unit | Value | Test Method |
| Specific Density Crystalline | g·cm ⁻³ | > 1'39 | - |
| Crystallinity | % | > 48 | - |
| Moisture | % | ≤ 0'20 | - |
| Bulk Density | Kg·m ⁻³ | 840 | - |
| Weight of 20 chips | mg | 320 | - |
| Melting Point | °C | 240-250 | - |
| Typical Moulding Temperature | °C | 270-290 | - |
| Drying Conditions - Temperature | °C | 165-175 | - |
| Drying Conditions - Time | h | 5-6 | - |

All proper are measured under laboratory conditions by the analytical method shown. 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: AQUA complies with the composition of requirements of the Regulation (EC) No 10/2011 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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