LAMAPLAST

# Technical data sheet

Doc. Revision 1.3

Rev. date 05/11/2018

## PL 1161/1156/1157/1158/1159/1160

## Round graduated jug short type

| GENERAL FEATURES | |
|---|---|
| **Raw material:** | Polypropylene (PP) |
| **Usage:** | Manufactured with high-grade material to ensure chemical resistance. High transparency especially when filled with liquids. Graduation values on the body are in embossed scale. Very strong with drip spout. Can be used in micro-vawe oven |
| **Colour:** | Neutral |
| **Semi transparent:** | Yes |
| **Temperature range:** | -10°C / +95°C |
| **Autoclavable:** | YES - +121 °C for 20 minutes |
| **Sterilizable:** | By Radiation |

| Item code PL | 1161 | 1156 | 1157 | 1158 | 1159 | 1160 |
|---|---|---|---|---|---|---|
| **DIMENSIONS** | | | | | | |
| **Body external diameter:** | 65 mm | 75 mm | 120 mm | 145 mm | 165 mm | 190 mm |
| **Height:** | 95 | 120 | 135 | 170 | 185 | 235 |
| **Capacity:** | 250 ml | 500 ml | 1000 ml | 2000 ml | 3000 ml | 5000 ml |
| **Graduation** | 50 ml | 100 ml | 100 ml | 500 ml | 500 ml | 1000 ml |
| **Sub graduation** | 10 ml | 25 ml | 50 ml | 100 ml | 100 ml | 250 ml |
| **PACKAGING** | | | | | | |
| **Pieces per bag:** | 1 pz | - | - | - | - | - |
| **Pieces per box:** | 224 pz | 16 pz | 36 pz | 12 pz | 24 pz | 12 pz |
| **Pieces per pallet** | 3584 pz | 1280 pz | 864 pz | 504 pz | 288 pz | 216 pz |
| **Pallet dimensions** | 80x120x220 mm | | | | | |
| **Food contact compliance:** | | | | | | |
| | | The product is suitable for food contact. It meets relevant requirements of the following directives or regulations: 1935/2004/CE as amended, UE 10/2011 as amended | | | | |

**Quality Assurance**
*Mirko Cortiana*

Digital print-out document. No signature required

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### OTHER REMARKS

Raw material used for PL1161 is food grade according UE 10/2011 but no migration test are available

### CHEMICAL COMPATIBILITY

Polyethylene and polypropylene based polymers are normally suitable for room-temperature contact with many organic solvents, diluted solutions of acids, bases and salts. They are typically not suitable for use with concentrated oxidizing acid and halogenated solvents. Detailed information on physical properties and chemical resistance (including concentration and temperature effect) is available upon request.

Several factors however may effect chemical comptibility such as temperature, concentration, contact time, presence of internal stress, wall/film thickness. The user is advised to make its own tests to determine the suitability of polymer for the particular environment/application.

### STORAGE CONDITIONS

Product should be stored in its original packaging and kept dry at all times. If products is delivered on pallet regular inspection is suggested. Storage area should be clean and dry. Never expose product to direct sunlight.

Optimum storage temperature is between 10°C and 30°C, 20% to 80% RH

Avoid prolonged storage at extreme temperature.  Do not exceed the following limits: -10°C / +40°C

### LEGAL DISCLAIMER

The information provided in this document is intended for informational purposes only and is subject to change without notice. LAMAPLAST reserve the right to make improvements and/or changes in the product described at any time without notice.