

## TECHNICAL DATASHEET

# PPHOMO Q1102S

### PRODUCT DESCRIPTION

**Q1102S** is a homopolymer resin designed for raffia and fiber applications requiring low water carry over. Meets FDA regulation 21 CFR 177.1520 section (c)1.1a for Conditions of Use A-H.

### TYPICAL PROPERTY VALUES

| PROPERTIES  | TYPICAL VALUES | UNITS    | TEST METHODS |
|---|----------------|----------|--------------|
| Melt Flow Rate (2.16 kg at 230°C)                       | 4.0            | g/10 min | ASTM D1238   |
| Tensile Strength at Yield - 50mm/min (2in/min)          | 36             | MPa      | ASTM D638    |
| Tensile Elongation at Yield                             | 9              | %        | ASTM D638    |
| Flexural Modulus - Procedure A: 1% secant               | 1600           | MPa      | ASTM D790    |
| Notched Izod Impact Strength @23°C                      | 28             | J/m      | ASTM D256A   |
| Heat Deflection Temperature (HDT) @ 0.45 MPa / (66 psi) | 103            | °C       | ASTM D648    |

### STORAGE AND HANDLING

Polypropylene resins should be stored in a clean, dry place at ambient temperatures. Prolonged or improper storage can result in deterioration of product properties. Care should be taken when handling and transferring product to prevent foreign matter contamination. Safety Data Sheet (SDS) contains important safety information and should be reviewed before using the product.

PPHOMO  
POLYPROPYLENE  
HOMOPOLYMER  
Q1102S