

# ALTECH® PP-H A 1000/120 UV GY1076-12LWA

Polypropylene Homopolymer  
ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 1000/120 UV GY1076-12LWA is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Homopolymer
- Impact Modified
- UV Stabilized

| General Information                               |                      |                        |             |
|---------------------------------------------------|----------------------|------------------------|-------------|
| Additive                                          | Impact Modifier      |                        |             |
|                                                   | UV Stabilizer        |                        |             |
| Features                                          | Homopolymer          |                        |             |
|                                                   | Impact Modified      |                        |             |
|                                                   | Light Stabilized     |                        |             |
| Agency Ratings                                    | EC 1907/2006 (REACH) |                        |             |
| RoHS Compliance                                   | RoHS Compliant       |                        |             |
| Processing Method                                 | Injection Molding    |                        |             |
| Physical                                          | Nominal Value        | Unit                   | Test Method |
| Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)       | 34.0                 | cm <sup>3</sup> /10min | ISO 1133    |
| Mechanical                                        | Nominal Value        | Unit                   | Test Method |
| Tensile Modulus                                   | 1150                 | MPa                    | ISO 527-2   |
| Tensile Stress                                    | 28.0                 | MPa                    | ISO 527-2   |
| Tensile Strain (Break)                            | 90                   | %                      | ISO 527-2   |
| Flexural Modulus                                  | 1200                 | MPa                    | ISO 178     |
| Flexural Stress                                   | 34.0                 | MPa                    | ISO 178     |
| Impact                                            | Nominal Value        | Unit                   | Test Method |
| Charpy Notched Impact Strength                    | 8.0                  | kJ/m <sup>2</sup>      | ISO 179/1eA |
| Charpy Unnotched Impact Strength                  | 120                  | kJ/m <sup>2</sup>      | ISO 179/1eU |
| Thermal                                           | Nominal Value        | Unit                   | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 60.0                 | °C                     | ISO 75-2/A  |
| Vicat Softening Temperature                       | 77.0                 | °C                     | ISO 306/B50 |
| Injection                                         | Nominal Value        | Unit                   |             |

|                        |              |    |
|------------------------|--------------|----|
| Drying Temperature     |              |    |
| Circulation Dryer      | 80.0 to 100  | °C |
| Desiccant Dryer        | 80.0 to 100  | °C |
| Drying Time            |              |    |
| Circulation Dryer      | 2.0 to 4.0   | hr |
| Desiccant Dryer        | 2.0 to 3.0   | hr |
| Processing (Melt) Temp | 200 to 270   | °C |
| Mold Temperature       | 20.0 to 70.0 | °C |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

