

# UBESTA 3030JFX3

Polyamide 12

UBE Industries, Ltd.

## Message:

Flexible (with low migrate plasticizer, Extrusion)

| General Information                          |                  |                   |                 |
|----------------------------------------------|------------------|-------------------|-----------------|
| Additive                                     | Plasticizer      |                   |                 |
| Features                                     | Good Flexibility |                   |                 |
| Forms                                        | Pellets          |                   |                 |
| Processing Method                            | Extrusion        |                   |                 |
| Part Marking Code                            | >PA12-P<         |                   |                 |
| Physical                                     | Nominal Value    | Unit              | Test Method     |
| Density                                      | 1.01             | g/cm <sup>3</sup> | ISO 1183        |
| Molding Shrinkage                            |                  |                   | Internal Method |
| Across Flow                                  | 1.3              | %                 |                 |
| Flow                                         | 0.80             | %                 |                 |
| Water Absorption (Equilibrium, 23°C, 50% RH) | 0.70             | %                 | Internal Method |
| Mechanical                                   | Nominal Value    | Unit              | Test Method     |
| Tensile Stress (Yield)                       | 25.0             | MPa               | ISO 527-2       |
| Tensile Strain (Break)                       | > 50             | %                 | ISO 527-2       |
| Flexural Modulus                             | 400              | MPa               | ISO 178         |
| Flexural Stress                              | 20.0             | MPa               | ISO 178         |
| Impact                                       | Nominal Value    | Unit              | Test Method     |
| Charpy Unnotched Impact Strength             | 120              | kJ/m <sup>2</sup> | ISO 179         |
| Thermal                                      | Nominal Value    | Unit              | Test Method     |
| Heat Deflection Temperature                  |                  |                   |                 |
| 0.45 MPa, Unannealed                         | 85.0             | °C                | ISO 75-2/B      |
| 1.8 MPa, Unannealed                          | 45.0             | °C                | ISO 75-2/A      |
| CLTE - Flow                                  | 1.7E-4           | cm/cm/°C          | ISO 11359-2     |

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

