

# FILLMA 5002F30A

Polypropylene  
POLYROCKS CHEMICAL CO., LTD

Message:

FILLMA 5002F30A is a Polypropylene product. It is available in Asia Pacific. Typical application: Household Applications.

Characteristics include:

Flame Rated  
Heat Resistant  
High Gloss  
Low to No Odor/Taste  
Rigid

| General Information                                      |                      |                   |             |
|--|----------------------|-------------------|-------------|
| Features   | High Gloss           |                   |             |
|  | High Heat Resistance |                   |             |
|  | High Rigidity        |                   |             |
|  | Low to No Odor       |                   |             |
| Uses   | Household Goods      |                   |             |
| Physical   | Nominal Value        | Unit              | Test Method |
| Specific Gravity   | 1.13                 | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)                | 12                   | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                                 | 0.80 to 1.2          | %                 | ASTM D955   |
| Mechanical   | Nominal Value        | Unit              | Test Method |
| Tensile Strength (Yield)                                 | 35.0                 | MPa               | ASTM D638   |
| Tensile Elongation (Break)                               | 40                   | %                 | ASTM D638   |
| Flexural Modulus   | 2770                 | MPa               | ASTM D790   |
| Flexural Strength  | 48.0                 | MPa               | ASTM D790   |
| Impact   | Nominal Value        | Unit              | Test Method |
| Notched Izod Impact                                      | 45                   | J/m               | ASTM D256   |
| Thermal  | Nominal Value        | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 135                  | °C                | ASTM D648   |
| Flammability   | Nominal Value        |                   | Test Method |
| Flame Rating   |                      |                   | UL 94       |
| 1.50 mm  | HB                   |                   |             |
| 3.00 mm  | HB                   |                   |             |
| Injection  | Nominal Value        | Unit              |             |
| Drying Temperature                                       | 90.0                 | °C                |             |
| Drying Time  | 2.0                  | hr                |             |
| Processing (Melt) Temp                                   | 180 to 210           | °C                |             |
| Mold Temperature   | 40.0 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

