

# RJM SA102-HL

Polycarbonate  
RJM International, Inc.

Message:

RJM SA102-HL is a Polycarbonate (PC) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Additive/Masterbatch.

Characteristics include:

Flame Rated  
Flame Retardant

| General Information         |                   |             |             |
|-----------------------------|-------------------|-------------|-------------|
| Features                    | Flame Retardant   |             |             |
|                             | High Reflectivity |             |             |
| Uses                        | Compounding       |             |             |
| Physical                    | Nominal Value     | Unit        | Test Method |
| Specific Gravity            | 1.25              | g/cm³       | ASTM D792   |
| Molding Shrinkage - Flow    | 0.50 to 0.70      | %           | ASTM D955   |
| Mechanical                  | Nominal Value     | Unit        | Test Method |
| Tensile Strength            | 61.8              | MPa         | ASTM D638   |
| Tensile Elongation (Break)  | 100               | %           | ASTM D638   |
| Flexural Modulus            | 2450              | MPa         | ASTM D790   |
| Flexural Strength           | 89.2              | MPa         | ASTM D790   |
| Impact                      | Nominal Value     | Unit        | Test Method |
| Notched Izod Impact         | 590               | J/m         | ASTM D256   |
| Thermal                     | Nominal Value     | Unit        | Test Method |
| Heat Deflection Temperature | 132               | °C          | ASTM D648   |
| Flammability                | Nominal Value     | Test Method |             |
| Flame Rating                | V-0               | UL 94       |             |
| Injection                   | Nominal Value     | Unit        |             |
| Drying Temperature          | 120               | °C          |             |
| Drying Time                 | 4.0               | hr          |             |
| Processing (Melt) Temp      | 250 to 300        | °C          |             |
| Mold Temperature            | 90.0              | °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

