

# Anjacom® 200C-UV

Polyamide 6  
Almaak International GmbH

Message:

Anjacom® 200C-UV is a Polyamide 6 (Nylon 6) material. It is available in Europe.  
Important attributes of Anjacom® 200C-UV are:  
Flame Rated  
Good UV Resistance  
UV Stabilized

| General Information                     |                    |                   |              |
|-----------------------------------------|--------------------|-------------------|--------------|
| Additive                                | UV Stabilizer      |                   |              |
| Features                                | Good UV Resistance |                   |              |
| Appearance                              | Natural Color      |                   |              |
| Physical                                | Nominal Value      | Unit              | Test Method  |
| Density (23°C)                          | 1.13               | g/cm <sup>3</sup> | ISO 1183     |
| Water Absorption                        |                    |                   | ISO 62       |
| 23°C, 24 hr                             | 9.5                | %                 |              |
| Equilibrium, 23°C, 50% RH               | 3.0                | %                 |              |
| Mechanical                              | Nominal Value      | Unit              | Test Method  |
| Tensile Modulus                         | 3600               | MPa               | ISO 527-2/1  |
| Tensile Stress (Yield)                  | 80.0               | MPa               | ISO 527-2/50 |
| Tensile Strain (Break)                  | 4.0                | %                 | ISO 527-2/50 |
| Impact                                  | Nominal Value      | Unit              | Test Method  |
| Charpy Notched Impact Strength (23°C)   | 5.0                | kJ/m <sup>2</sup> | ISO 179/1eA  |
| Charpy Unnotched Impact Strength (23°C) | No Break           |                   | ISO 179/1eU  |
| Thermal                                 | Nominal Value      | Unit              | Test Method  |
| Heat Deflection Temperature             |                    |                   |              |
| 0.45 MPa, Unannealed                    | 190                | °C                | ISO 75-2/B   |
| 1.8 MPa, Unannealed                     | 55.0               | °C                | ISO 75-2/A   |
| Vicat Softening Temperature             | 200                | °C                | ISO 306/B50  |
| Melting Temperature                     | 223                | °C                | DSC          |
| Flammability                            | Nominal Value      |                   | Test Method  |
| Flame Rating (1.60 mm)                  | HB                 |                   | UL 94        |
| Injection                               | Nominal Value      | Unit              |              |
| Drying Temperature                      | 80.0               | °C                |              |
| Drying Time                             | 4.0 to 10          | hr                |              |
| Suggested Max Moisture                  | 0.10               | %                 |              |
| Processing (Melt) Temp                  | 240 to 260         | °C                |              |
| Mold Temperature                        | 80.0 to 100        | °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

