

# Anjacom® 350-GK30

Polyamide 66  
Almaak International GmbH

Message:

Anjacom® 350-GK30 is a Polyamide 66 (Nylon 66) material filled with 30% glass bead. It is available in Europe for injection molding. Primary attribute of Anjacom® 350-GK30: Flame Rated.

| General Information                     |                                 |       |             |
|-----------------------------------------|---------------------------------|-------|-------------|
| Filler / Reinforcement                  | Glass Bead,30% Filler by Weight |       |             |
| Appearance                              | Natural Color                   |       |             |
| Processing Method                       | Injection Molding               |       |             |
| Physical                                | Nominal Value                   | Unit  | Test Method |
| Density (23°C)                          | 1.37                            | g/cm³ | ISO 1183    |
| Water Absorption                        |                                 |       | ISO 62      |
| 23°C, 24 hr                             | 5.5                             | %     |             |
| Equilibrium, 23°C, 50% RH               | 1.7                             | %     |             |
| Mechanical                              | Nominal Value                   | Unit  | Test Method |
| Tensile Modulus                         | 5000                            | MPa   | ISO 527-2/1 |
| Tensile Stress (Break)                  | 80.0                            | MPa   | ISO 527-2/5 |
| Tensile Strain (Break)                  | 3.0                             | %     | ISO 527-2/5 |
| Impact                                  | Nominal Value                   | Unit  | Test Method |
| Charpy Notched Impact Strength (23°C)   | 3.0                             | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 30                              | kJ/m² | ISO 179/1eU |
| Thermal                                 | Nominal Value                   | Unit  | Test Method |
| Vicat Softening Temperature             | 245                             | °C    | ISO 306/B50 |
| Melting Temperature (DSC)               | 260                             | °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                  | 280 to 300                      | °C    |             |
| Mold Temperature                        | 80.0 to 120                     | °C    |             |

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