

Ultramid® 66 H2 G/25-V0KB1

BK3324

Polyamide 66

Product Description

Ultramid 66 H2 G/25-V0KB1 BK3324 is a 25% glass reinforced, heat stabilized injection molding grade. It's a V-0 self-extinguishing, with phosphorous. It offers good flowability, surface finish and good mechanical properties. It has excellent electrical properties.

| PHYSICAL | ISO Test Method | Property Value | |
|--|-----------------|----------------|-------------|
| Density, g/cm | 1183 | 1.35 | |
| MECHANICAL | ISO Test Method | Dry | Conditioned |
| Tensile stress at break, MPa | 527 | | |
| 23C | | 135 | - |
| Tensile strain at break, % | 527 | | |
| 23C | | 2.5 | - |
| Flexural Modulus, MPa | 178 | | |
| 23C | | 7,500 | - |
| IMPACT | ISO Test Method | Dry | Conditioned |
| Izod Notched Impact, kJ/m ² | 180 | | |
| 23C | | 7.3 | - |
| Charpy Notched, kJ/m ² | 179 | | |
| 23C | | 7 | - |
| THERMAL | ISO Test Method | Dry | Conditioned |
| HDT A, C | 75 | 237 | - |



Back pressure can be utilized to provide uniform melt consistency and reduce trapped air and gas. Minimal back pressure should be utilized to prevent glass breakage.

Fill Rate

Fast fill rates are recommended to ensure uniform melt delivery to the cavity and prevent premature freezing. Surface appearance is directly affected by injection rate.

Note

Although all statements and information in this publication are believed to be accurate and reliable, they are presented gratis and for guidance only, and risks and liability for results obtained by use of the products or application of the suggestions described are assumed by the user. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH. Statements or suggestions concerning possible use of the products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that toxicity data and safety measures are indicated or that other measures may not be required.

