

# VITAMIDE® AW13BK6265

Polyamide 66  
Jackdaw Polymers

Message:

VITAMIDE® AW13BK6265 is a Polyamide 66 (Nylon 66) product filled with 15% filler. It is available in Europe.  
Characteristics include:  
Flame Rated  
Carbon Black

| General Information                         |                             |                   |                       |
|---------------------------------------------|-----------------------------|-------------------|-----------------------|
| Filler / Reinforcement                      | Filler,15% Filler by Weight |                   |                       |
| Additive                                    | Carbon Black                |                   |                       |
| Appearance                                  | Black                       |                   |                       |
| Physical                                    | Nominal Value               | Unit              | Test Method           |
| Specific Gravity                            | 1.19                        | g/cm <sup>3</sup> | ASTM D792, ISO 1183   |
| Water Absorption (23°C, 24 hr)              | 1.0                         | %                 | ASTM D570, ISO 62     |
| Mechanical                                  | Nominal Value               | Unit              | Test Method           |
| Tensile Strength (Break)                    | 112                         | MPa               | ASTM D638, ISO 527-2  |
| Tensile Elongation (Break)                  | 3.0                         | %                 | ASTM D638, ISO 527-2  |
| Flexural Modulus                            | 6200                        | MPa               | ASTM D790, ISO 178    |
| Flexural Stress                             |                             |                   |                       |
| --                                          | 150                         | MPa               | ISO 178               |
| Break                                       | 150                         | MPa               | ASTM D790             |
| Impact                                      | Nominal Value               | Unit              | Test Method           |
| Charpy Notched Impact Strength              | 30                          | kJ/m <sup>2</sup> | ISO 179               |
| Charpy Notched Impact Strength <sup>1</sup> | 30.0                        | kJ/m <sup>2</sup> | ASTM D256             |
| Thermal                                     | Nominal Value               | Unit              | Test Method           |
| Deflection Temperature Under Load           |                             |                   |                       |
| 0.45 MPa, Unannealed                        | 255                         | °C                | ASTM D648, ISO 75-2/B |
| 1.8 MPa, Unannealed                         | 240                         | °C                | ASTM D648, ISO 75-2/A |
| Melting Temperature                         | 260                         | °C                | ASTM D2117, ISO 1218  |
| CLTE - Flow                                 | 3.5E-5                      | cm/cm/°C          | ASTM D696             |
| Electrical                                  | Nominal Value               | Unit              | Test Method           |
| Volume Resistivity                          | 1.0E+6 to 1.0E+8            | ohms · cm         | ASTM D257, IEC 60093  |
| Flammability                                | Nominal Value               | Unit              | Test Method           |
| Flame Rating                                | HB                          |                   | UL 94                 |
| NOTE                                        |                             |                   |                       |

1. Method B

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.

## 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



WECHAT