

# VITAMIDE® BF13BL6262

Polyamide 6  
Jackdaw Polymers

Message:

VITAMIDE® BF13BL6262 is a Polyamide 6 (Nylon 6) product. It is available in Europe.  
Characteristics include:  
Flame Rated  
Flame Retardant

| General Information               |                 |                   |                       |
|-----------------------------------|-----------------|-------------------|-----------------------|
| Additive                          | Flame Retardant |                   |                       |
| Features                          | Flame Retardant |                   |                       |
| Appearance                        | Blue            |                   |                       |
| Forms                             | Pellets         |                   |                       |
| Physical                          | Nominal Value   | Unit              | Test Method           |
| Specific Gravity                  | 1.20            | 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 (Yield)          | 70.0            | MPa               | ASTM D638, ISO 527-2  |
| Tensile Elongation (Break)        | 25              | %                 | ASTM D638, ISO 527-2  |
| Flexural Modulus                  | 2750            | MPa               | ASTM D790, ISO 178    |
| Flexural Strength                 | 90.0            | MPa               | ASTM D790, ISO 178    |
| Impact                            | Nominal Value   | Unit              | Test Method           |
| Notched Izod Impact Strength      | 5.0             | kJ/m <sup>2</sup> | ISO 180               |
| Thermal                           | Nominal Value   | Unit              | Test Method           |
| Deflection Temperature Under Load |                 |                   |                       |
| 0.45 MPa, Unannealed              | 215             | °C                | ASTM D648, ISO 75-2/B |
| 1.8 MPa, Unannealed               | 100             | °C                | ASTM D648, ISO 75-2/A |
| Melting Temperature               | 220             | °C                | ISO 1218, ASTM D2117  |
| CLTE - Flow                       | 6.5E-5          | cm/cm/°C          | ASTM D696             |
| Electrical                        | Nominal Value   | Unit              | Test Method           |
| Volume Resistivity                | 1.0E+15         | ohms · cm         | ASTM D257, IEC 60093  |
| Comparative Tracking Index        |                 |                   |                       |
| Solution A                        | 600             | V                 | IEC 60112             |
| -- 1                              | 600             | V                 | ASTM D3638            |
| Flammability                      | Nominal Value   | Unit              | Test Method           |
| Flame Rating                      | V-0             |                   | UL 94                 |
| NOTE                              |                 |                   |                       |
| 1.                                | Solution A      |                   |                       |

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