

## Covestro Makroblend® DP 2-7655 MBS162 Polycarbonate + PET, Mineral Filled Impact Grade

Category : Polymer , Thermoplastic , Polycarbonate (PC)

### Material Notes:

Developmental product(PC+PET)-blends impact modified Injection molding grade 10% mineral filled As of 1 September 2015, Bayer Material Science was separated from Bayer AG and officially adopted its new name – Covestro.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Covestro-Makroblend-DP-2-7655-MBS162-Polycarbonate-PET-Mineral-Filled-Impact-Grade.php](http://www.lookpolymers.com/polymer_Covestro-Makroblend-DP-2-7655-MBS162-Polycarbonate-PET-Mineral-Filled-Impact-Grade.php)

| Mechanical Properties | Metric   | English | Comments     |
|-----------------------|----------|---------|--------------|
| Tensile Modulus       | 3.10 GPa | 450 ksi | ISO 527-1/-2 |

| Thermal Properties                          | Metric       | English        | Comments       |
|---------------------------------------------|--------------|----------------|----------------|
| CTE, linear, Parallel to Flow               | 60.0 µm/m-°C | 33.3 µin/in-°F | ISO 11359-1/-2 |
| CTE, linear, Transverse to Flow             | 60.0 µm/m-°C | 33.3 µin/in-°F | ISO 11359-1/-2 |
| Deflection Temperature at 0.46 MPa (66 psi) | 128 °C       | 262 °F         | ISO 75-1/-2    |
| Deflection Temperature at 1.8 MPa (264 psi) | 110 °C       | 230 °F         | ISO 75-1/-2    |

| Processing Properties | Metric         | English      | Comments                     |
|-----------------------|----------------|--------------|------------------------------|
| Melt Temperature      | 260 - 280 °C   | 500 - 536 °F |                              |
|                       | 270 °C         | 518 °F       | Injection Molding; ISO 294   |
| Mold Temperature      | 60.0 - 80.0 °C | 140 - 176 °F |                              |
|                       | 70.0 °C        | 158 °F       | Injection Molding; ISO 10724 |
| Injection Velocity    | 200 mm/sec     | 7.87 in/sec  | ISO 294                      |

| Descriptive Properties | Value                     | Comments |
|------------------------|---------------------------|----------|
| Availability           | Asia Pacific              |          |
|                        | Europe                    |          |
|                        | Near East/Africa          |          |
|                        | North America             |          |
|                        | South and Central America |          |
| Feature                | Release agent             |          |

| Descriptive Properties<br>Form | Value<br>Pellets  | Comments |
|--------------------------------|-------------------|----------|
| Process                        | Injection Molding |          |

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