

# Anjaconduct® 150-KF1E3

Polycarbonate  
Almaak International GmbH

Message:  
Anjaconduct® 150-KF1E3 is a Polycarbonate (PC) material. It is available in Europe.

| General Information                        |                            |           |             |
|--------------------------------------------|----------------------------|-----------|-------------|
| Features                                   | Good Electrical Properties |           |             |
| Appearance                                 | Black                      |           |             |
| Physical                                   | Nominal Value              | Unit      | Test Method |
| Density (23°C)                             | 1.32                       | g/cm³     | ISO 1183    |
| Melt Volume-Flow Rate (MVR) (300°C/1.2 kg) | 5.00                       | cm³/10min | ISO 1133    |
| Water Absorption                           |                            |           | ISO 62      |
| 23°C, 24 hr                                | 0.30                       | %         |             |
| Equilibrium, 23°C, 50% RH                  | 0.13                       | %         |             |
| Mechanical                                 | Nominal Value              | Unit      | Test Method |
| Tensile Modulus                            | 18000                      | MPa       | ISO 527-2/1 |
| Tensile Stress (Break)                     | 180                        | MPa       | ISO 527-2/5 |
| Tensile Strain (Break)                     | 1.5                        | %         | ISO 527-2/5 |
| Impact                                     | Nominal Value              | Unit      | Test Method |
| Charpy Notched Impact Strength (23°C)      | 12                         | kJ/m²     | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)    | 85                         | kJ/m²     | ISO 179/1eU |
| Thermal                                    | Nominal Value              | Unit      | Test Method |
| Melting Temperature                        | 140                        | °C        | DSC         |
| Electrical                                 | Nominal Value              | Unit      | Test Method |
| Surface Resistivity                        | < 1.0E+3                   | ohms      | DIN 53482   |
| Injection                                  | Nominal Value              | Unit      |             |
| Drying Temperature                         | 120                        | °C        |             |
| Drying Time                                | 2.0 to 5.0                 | hr        |             |
| Suggested Max Moisture                     | 0.020                      | %         |             |
| Processing (Melt) Temp                     | 280 to 320                 | °C        |             |
| Mold Temperature                           | 80.0 to 120                | °C        |             |

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Recommended distributors for this material

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