

# Nylex™ 1230

Polyamide + PP

Multibase, A Dow Corning Company

## Message:

Nylex™ 1230 is a Polyamide + PP (Nylon+PP) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Good Adhesion

Impact Resistant

| General Information                       |                        |          |             |
|-------------------------------------------|------------------------|----------|-------------|
| Features                                  | Bondability            |          |             |
|                                           | Good Colorability      |          |             |
|                                           | Good Impact Resistance |          |             |
| Forms                                     | Pellets                |          |             |
| Physical                                  | Nominal Value          | Unit     | Test Method |
| Specific Gravity                          | 0.958                  | g/cm³    | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 1.1                    | g/10 min | ASTM D1238  |
| Mechanical                                | Nominal Value          | Unit     | Test Method |
| Tensile Strength                          | 22.1                   | MPa      | ASTM D638   |
| Tensile Elongation (Break)                | 95                     | %        | ASTM D638   |
| Flexural Modulus                          | 876                    | MPa      | ASTM D790   |
| Impact                                    | Nominal Value          | Unit     | Test Method |
| Notched Izod Impact                       | 800                    | J/m      | ASTM D256   |
| Gardner Impact                            | 27.1                   | J        | ASTM D5420  |
| Injection                                 | Nominal Value          | Unit     |             |
| Drying Temperature                        | 82.2                   | °C       |             |
| Drying Time                               | 2.0 to 4.0             | hr       |             |
| Rear Temperature                          | 193                    | °C       |             |
| Middle Temperature                        | 204                    | °C       |             |
| Front Temperature                         | 221                    | °C       |             |
| Nozzle Temperature                        | 232                    | °C       |             |
| Processing (Melt) Temp                    | 232                    | °C       |             |
| Mold Temperature                          | 26.7 to 48.9           | °C       |             |
| Injection Rate                            | Moderate-Fast          |          |             |
| Extrusion                                 | Nominal Value          | Unit     |             |
| Cylinder Zone 1 Temp.                     | 199                    | °C       |             |
| Cylinder Zone 3 Temp.                     | 218                    | °C       |             |
| Cylinder Zone 5 Temp.                     | 232                    | °C       |             |
| Melt Temperature                          | 232                    | °C       |             |

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