

# Nylex™ 2185 HF UV

Polyamide + PP

Multibase, A Dow Corning Company

## Message:

Nylex™2185 HF UV is a polyamide PP (nylon PP) product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry.

Features include:

Strong adhesion

Good UV resistance

Impact resistance

| General Information                         |                                 |                   |             |
|---|---------------------------------|-------------------|-------------|
| Features                                    | Impact resistance, good         |                   |             |
|   | Good UV resistance              |                   |             |
|   | Adhesiveness                    |                   |             |
|   | Good coloring                   |                   |             |
| Uses  | Application in Automobile Field |                   |             |
| Forms                                       | Particle                        |                   |             |
| Physical                                    | Nominal Value                   | Unit              | Test Method |
| Density                                     | 0.978                           | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)   | 6.7                             | g/10 min          | ISO 1133    |
| Mechanical                                  | Nominal Value                   | Unit              | Test Method |
| Tensile Stress (Yield)                      | 30.0                            | MPa               | ISO 527-2   |
| Flexural Modulus                            | 1600                            | MPa               | ASTM D790   |
| Additional Information                      |                                 |                   |             |
| Izod Impact, ASTM D256: 9 kJ/m <sup>2</sup> |                                 |                   |             |
| Injection                                   | Nominal Value                   | Unit              |             |
| Drying Temperature                          | 82.2                            | °C                |             |
| Drying Time                                 | 2.0 - 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 - 48.9                     | °C                |             |
| Injection Rate                              | Moderate-Fast                   |                   |             |

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