

# ADDILENE H 210 G20

Polypropylene Homopolymer

ADDIPLAST

## Message:

ADDILENE H 210 G20 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% glass bead. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Primary attribute of ADDILENE H 210 G20: Good Dimensional Stability.  
Typical application of ADDILENE H 210 G20: Automotive

| General Information                               |                                 |                   |             |
|---------------------------------------------------|---------------------------------|-------------------|-------------|
| Filler / Reinforcement                            | Glass Bead,20% Filler by Weight |                   |             |
| Features                                          | Good Dimensional Stability      |                   |             |
| Uses                                              | Automotive Applications         |                   |             |
|                                                   | Automotive Interior Parts       |                   |             |
| Forms                                             | Pellets                         |                   |             |
| Physical                                          | Nominal Value                   | Unit              | Test Method |
| Density                                           | 1.01                            | g/cm <sup>3</sup> | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         | 3.0                             | g/10 min          | ISO 1133    |
| Hardness                                          | Nominal Value                   | Unit              | Test Method |
| Shore Hardness (Shore D)                          | 76                              |                   | ISO 868     |
| Mechanical                                        | Nominal Value                   | Unit              | Test Method |
| Tensile Stress (Break)                            | 24.0                            | MPa               | ISO 527-2   |
| Tensile Strain (Break)                            | 100                             | %                 | ISO 527-2   |
| Flexural Modulus                                  | 1550                            | MPa               | ISO 178     |
| Impact                                            | Nominal Value                   | Unit              | Test Method |
| Charpy Notched Impact Strength                    | 3.0                             | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength                  | 37                              | kJ/m <sup>2</sup> | ISO 179/1eU |
| Notched Izod Impact Strength                      | 3.0                             | kJ/m <sup>2</sup> | ISO 180/1A  |
| Thermal                                           | Nominal Value                   | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 62.0                            | °C                | ISO 75-2/Af |
| Vicat Softening Temperature                       | 153                             | °C                | ISO 306/A50 |
| Melting Temperature (DSC)                         | 165                             | °C                | ISO 3146    |
| Electrical                                        | Nominal Value                   | Unit              | Test Method |
| Surface Resistivity                               | 1.0E+14                         | ohms              | IEC 60093   |
| Volume Resistivity                                | 1.0E+14                         | ohms · cm         | IEC 60093   |
| Comparative Tracking Index (Solution A)           | 600                             | V                 | IEC 60112   |

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