

# ADDILENE J 420 K24

Polypropylene Copolymer

ADDIPLAST

## Message:

ADDILENE J 420 K24 is a Polypropylene Copolymer (PP Copolymer) material. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.

| General Information                               |               |                   |             |
|---------------------------------------------------|---------------|-------------------|-------------|
| Features                                          | High Density  |                   |             |
| Forms                                             | Pellets       |                   |             |
| Physical                                          | Nominal Value | Unit              | Test Method |
| Density                                           | 2.40          | g/cm <sup>3</sup> | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         | 10            | g/10 min          | ISO 1133    |
| Hardness                                          | Nominal Value | Unit              | Test Method |
| Shore Hardness (Shore D)                          | 74            |                   | ISO 868     |
| Mechanical                                        | Nominal Value | Unit              | Test Method |
| Tensile Stress                                    |               |                   | ISO 527-2   |
| Yield                                             | 11.0          | MPa               |             |
| Break                                             | 10.0          | MPa               |             |
| Flexural Modulus                                  | 4100          | MPa               | ISO 178     |
| Impact                                            | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength                    | 4.0           | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength                  | 15            | kJ/m <sup>2</sup> | ISO 179/1eU |
| Notched Izod Impact Strength                      | 4.0           | kJ/m <sup>2</sup> | ISO 180/1A  |
| Thermal                                           | Nominal Value | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 65.0          | °C                | ISO 75-2/Af |
| Vicat Softening Temperature                       | 152           | °C                | ISO 306/A50 |
| Melting Temperature (DSC)                         | 165           | °C                | ISO 3146    |
| Electrical                                        | Nominal Value | Unit              | Test Method |
| Comparative Tracking Index (Solution A)           | 600           | V                 | IEC 60112   |

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