

# ADDILENE H 420 K24

Polypropylene Homopolymer  
ADDIPLAST

Message:

ADDILENE H 420 K24 is a Polypropylene Homopolymer (PP Homopolymer) 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)                          | 81            |                   | ISO 868     |
| Mechanical                                        | Nominal Value | Unit              | Test Method |
| Tensile Stress                                    |               |                   | ISO 527-2   |
| Yield                                             | 12.0          | MPa               |             |
| Break                                             | 10.0          | MPa               |             |
| Flexural Modulus                                  | 4500          | 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                  | 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) | 80.0          | °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 |
| Comparative Tracking Index (Solution A)           | 600           | V                 | IEC 60112   |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

