

# 4LAC® 25H20400 AS

Acrylonitrile Butadiene Styrene  
4Plas

Message:

4LAC 25H20400 AS is a Standard Flow UV Stabilised Anti-Static ABS

| General Information                                |                     |                   |                |
|----------------------------------------------------|---------------------|-------------------|----------------|
| Additive                                           | UV stabilizer       |                   |                |
| Features                                           | Antistatic property |                   |                |
|                                                    | Good UV resistance  |                   |                |
| Processing Method                                  | Injection molding   |                   |                |
| Physical                                           | Nominal Value       | Unit              | Test Method    |
| Density                                            | 1.04                | g/cm <sup>3</sup> | ISO 1183       |
| Mechanical                                         | Nominal Value       | Unit              | Test Method    |
| Tensile Modulus (23°C)                             | 2600                | MPa               | ISO 527-2/5    |
| Tensile Stress (Break, 23°C)                       | 43.0                | MPa               | ISO 527-2/5    |
| Tensile Strain (Break, 23°C)                       | 3.0                 | %                 | ISO 527-2/5    |
| Impact                                             | Nominal Value       | Unit              | Test Method    |
| Notched Izod Impact                                |                     |                   | ISO 180/1A     |
| -30°C                                              | 5.0                 | kJ/m <sup>2</sup> | ISO 180/1A     |
| 23°C                                               | 15                  | kJ/m <sup>2</sup> | ISO 180/1A     |
| Thermal                                            | Nominal Value       | Unit              | Test Method    |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 97.0                | °C                | ISO 75-2/B     |
| Vicat Softening Temperature                        | 108                 | °C                | ISO 306/B      |
| Electrical                                         | Nominal Value       | Unit              | Test Method    |
| Comparative Tracking Index                         | 400                 | V                 | IEC 60112      |
| Flammability                                       | Nominal Value       | Unit              | Test Method    |
| Flame Rating (1.60 mm)                             | HB                  |                   | UL 94          |
| Glow Wire Flammability Index (2.00 mm)             | 650                 | °C                | IEC 60695-2-12 |
| Injection                                          | Nominal Value       | Unit              |                |
| Drying Temperature                                 | 80.0                | °C                |                |
| Drying Time                                        | 2.0 - 4.0           | hr                |                |
| Suggested Max Moisture                             | 0.10                | %                 |                |
| Processing (Melt) Temp                             | 190 - 230           | °C                |                |
| Mold Temperature                                   | 50.0 - 60.0         | °C                |                |
| Injection Rate                                     | Moderate-Fast       |                   |                |
| Holding Pressure                                   | 50.0 - 100          | MPa               |                |
| Screw Speed                                        | 200                 | rpm               |                |

## Injection instructions

Feed Throat Temperature: 30 - 50 °C Back Pressure: Low

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## Recommended distributors for this material

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