# 4LAC® 10H20800 I

Acrylonitrile Butadiene Styrene

4Plas

## Message:

4LAC 10H20800 I is a Standard Flow Recycled Impact Modified ABS

| General Information | |
|---|---|
| Additive | Impact Modifier |
| Features | Impact Modified |
| | Recyclable Material |

| Physical | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Density | 1.04 | g/cm³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/3.8 kg) | 15 | g/10 min | ISO 1133 |
| Molding Shrinkage - Across Flow | 0.30 to 0.60 | % | |
| **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 |
| Flexural Modulus | 2600 | MPa | ISO 178 |
| Flexural Stress [1] (23°C) | 70.0 | MPa | ISO 178 |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Notched Izod Impact Strength (23°C) | 19 | kJ/m² | ISO 180/1A |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Heat Deflection Temperature | | | |
| 0.45 MPa, Unannealed | 97.0 | °C | ISO 75-2/B |
| 1.8 MPa, Unannealed | 97.0 | °C | ISO 75-2/A |
| 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 | | | UL 94 |
| 1.60 mm | HB | | |
| 3.20 mm | HB | | |
| Glow Wire Flammability Index (2.00 mm) | 650 | °C | IEC 60695-2-12 |
| **NOTE** | | | |
| 1. | 2.0 mm/min | | |

Recommended distributors for this material

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