

## Technical Data Sheet

### *Ronfalin* ASA 30U+ BLK2-0010



Acrylonitrile Styrene Acrylate

#### Product Description

Acrylonitrile Styrene Acrylate with excellent light fastness and UV stability.

**Processing Method** Injection Molding

**Attribute** UV Resistant

**Forms** Pellets

| Typical Properties                              | Nominal Value | Units             | Test Method |
|-------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                 |               |                   |             |
| Melt Flow Rate, (220 °C/10.0 kg)                | 14            | g/10 min          | ISO 1133    |
| Density                                         | 1.04          | g/cm <sup>3</sup> | ISO 1183    |
| <b>Mechanical</b>                               |               |                   |             |
| Tensile Stress at Yield                         | 47            | MPa               | ISO 527-2   |
| Tensile Strain at Break                         | 13            | %                 | ISO 527-2   |
| Tensile Modulus                                 | 2250          | MPa               | ISO 527-1   |
| Flexural Stress                                 | 60            | MPa               | ISO 178     |
| <b>Impact</b>                                   |               |                   |             |
| Notched Izod Impact Strength                    | 15            | kJ/m <sup>2</sup> | ISO 180     |
| <b>Thermal</b>                                  |               |                   |             |
| Vicat Softening Temperature, (B (50N), 50 °C/h) | 92.0          | °C                | ISO 306     |
| <b>UL Information</b>                           |               |                   |             |
| Flame Rating, (3.2 mm)                          | HB            |                   | UL 94       |