

## Technical Data Sheet

### *Schulblend* M/MW SFUV 5ZGRY69670



Acrylonitrile Styrene Acrylate + PA

#### Product Description

Easy flow ASA/PA 6 blend, impact resistant, UV-stabilized

|                   |                                   |
|-------------------|-----------------------------------|
| Processing Method | Injection Molding                 |
| Attribute         | Good Flow; Good Impact Resistance |
| Additive          | UV Stabilizer                     |

| Typical Properties                                                   | Nominal Value | Units      | Test Method          |
|----------------------------------------------------------------------|---------------|------------|----------------------|
| <b>Physical</b>                                                      |               |            |                      |
| Melt Volume Flow Rate, (250 °C/5.0 kg)                               | 23            | cm³/10 min | ISO 1133             |
| Density, (Method A)                                                  | 1.14          | g/cm³      | ISO 1183             |
| <b>Mechanical</b>                                                    |               |            |                      |
| Tensile Stress at Yield, (Type 1A, 50 mm/min)                        | 51.0          | MPa        | ISO 527-2            |
| Tensile Strain at Yield, (Type 1A, 50 mm/min)                        | 4.0           | %          | ISO 527-2            |
| Tensile Modulus, (1 mm/min, Type 1A)                                 | 2350          | MPa        | ISO 527-1            |
| <b>Impact</b>                                                        |               |            |                      |
| Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A) | 21            | kJ/m²      | ISO 179              |
| Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)        | No Break      |            | ISO 179              |
| <b>Thermal</b>                                                       |               |            |                      |
| Vicat Softening Temperature, (B (50N), 50 °C/h)                      | 139           | °C         | ISO 306              |
| Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)  | 60.0          | °C         | ISO 75-2/A           |
| <b>Flammable</b>                                                     |               |            |                      |
| Burning Rate                                                         |               |            |                      |
| (2.00 mm)                                                            | 31            | mm/min     | ISO 3795             |
| (2.00 mm)                                                            | 31            | mm/min     | FMVSS 302            |
| <b>UL Information</b>                                                |               |            |                      |
| Flammability Classification, (1.6 mm)                                | HB            |            | IEC 60695-11-10, -20 |