# SITRALIN 15E-TF15-HK-GS5 / black

Acrylonitrile Styrene Acrylate + Nylon

SITRAPLAS GmbH

Message:

Material: Polyamid with ASA
Highlights: With glass ball

| General Information | | | |
|---|---|---|---|
| Filler / Reinforcement | Glass Bead,5.0% Filler by Weight | | |
| Additive | PTFE Lubricant (15%) | | |
| Features | Lubricated | | |
| Appearance | Black | | |
| Resin ID (ISO 1043) | >PA+ASA-SD15 GS5< | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Density | 1.30 | g/cm³ | ISO 1183 |
| Melt Volume-Flow Rate (MVR) (260°C/5.0 kg) | 16.0 | cm³/10min | ISO 1133 |
| Molding Shrinkage [1] | 0.20 to 0.60 | % | ISO 294-4 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Stress | | | |
| Yield | 45.0 | MPa | ISO 527-2/50 |
| Break | 40.0 | MPa | ISO 527-2/5 |
| Tensile Strain (Yield) | 6.0 | % | ISO 527-2/50 |
| Nominal Tensile Strain at Break | 15 | % | ISO 527-2/50 |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Charpy Notched Impact Strength (23°C) | 5.0 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 35 | kJ/m² | ISO 179/1eU |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Vicat Softening Temperature | 108 | °C | ISO 306/B50 |
| **Flammability** | **Nominal Value** | | **Test Method** |
| Flame Rating (1.50 mm) | HB | | UL 94 |
| **NOTE** | | | |
| 1. | 60 x 60 x 2 mm | | |

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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

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