

Witcom ABS AS

Acrylonitrile Butadiene Styrene
Witcom Engineering Plastics B.V.

Message:

Witcom ABS AS is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe.
Characteristics include:
Flame Rated
Antistatic

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Additive | Antistatic | | |
| Features | Antistatic | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.07 | g/cm ³ | ISO 1183 |
| Molding Shrinkage - Flow (3.00 mm) | 0.50 to 0.90 | % | ISO 2577 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | < 40.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | > 30 | % | ISO 527-2 |
| Flexural Modulus | 2000 | MPa | ISO 178 |
| Flexural Stress | 60.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength | 17 | kJ/m ² | ISO 180/1A |
| Unnotched Izod Impact Strength | > 100 | kJ/m ² | ISO 180/1U |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 80.0 | °C | ISO 75-2/A |
| Electrical | Nominal Value | Unit | Test Method |
| Surface Resistivity | 1.0E+9 to 1.0E+11 | ohms | ASTM D257 |
| Volume Resistivity | 1.0E+9 to 1.0E+11 | ohms · cm | ASTM D257 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating (3.00 mm) | HB | | ISO 1210 |

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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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