

ALCOM® ABS 530/29 SV1217-04MCO

Acrylonitrile Butadiene Styrene

ALBIS PLASTIC GmbH

Message:

ALCOM® ABS 530/29 SV1217-04MCO is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® ABS 530/29 SV1217-04MCO include construction applications, electrical/electronic applications, household applications and housings.

Characteristics include:

REACH Compliant

RoHS Compliant

High Flow

| General Information | | | |
|---|------------------------------------|-----------|-------------|
| Features | High Flow | | |
| Uses | Construction Applications | | |
| | Electrical/Electronic Applications | | |
| | Household Goods | | |
| | Housings | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | Metallized - Colors | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.06 | g/cm³ | ISO 1183 |
| Melt Volume-Flow Rate (MVR) (220°C/10.0 kg) | 35.0 | cm³/10min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Ball Indentation Hardness (H 358/30) | 94.0 | MPa | ISO 2039-1 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2600 | MPa | ISO 527-2 |
| Flexural Modulus | 2400 | MPa | ISO 178 |
| Flexural Stress | 60.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 13 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength | 30 | kJ/m² | ISO 179/1eU |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 80.0 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 92.0 | °C | ISO 306/B50 |
| Injection | Nominal Value | Unit | |
| Drying Temperature | | | |
| Circulation Dryer | 80.0 | °C | |

| | | |
|------------------------|--------------|----|
| Desiccant Dryer | 80.0 | °C |
| Drying Time | | |
| Circulation Dryer | 3.0 to 6.0 | hr |
| Desiccant Dryer | 2.0 to 4.0 | hr |
| Processing (Melt) Temp | 220 to 260 | °C |
| Mold Temperature | 50.0 to 80.0 | °C |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

