

Verolloy S3500

Polycarbonate + ABS

PlastxWorld Inc.

Message:

Verolloy S3500 is a Polycarbonate + ABS (PC+ABS) product. It can be processed by injection molding and is available in Europe or North America. Characteristics include:
Flame Rated
Flame Retardant
Heat Resistant

| General Information | | | |
|---|----------------------|-------------------|-------------|
| UL YellowCard | E315545-100091183 | | |
| Features | Flame Retardant | | |
| | High Heat Resistance | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.25 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (240°C/5.0 kg) | 7.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 0.40 to 0.60 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 51.7 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 100 | % | ASTM D638 |
| Flexural Modulus | 2160 | MPa | ASTM D790 |
| Flexural Strength | 78.6 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 530 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 115 | °C | ASTM D648 |
| Flammability | Nominal Value | Test Method | |
| Flame Rating (1.60 mm) | V-0 | UL 94 | |

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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

