

Colorite CS Series CS9040UL

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Colorite CS Series CS9040UL is a Flexible Polyvinyl Chloride product. It can be processed by wire & cable extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Wire & Cable.

Characteristics include:

- Chemical Resistant
- Flame Retardant
- Good Flexibility
- Sunlight Resistant
- Wear Resistant

| General Information | | | |
|--------------------------------------|-----------------------------|-------------------|-------------|
| Features | Flame Retardant | | |
| | Good Abrasion Resistance | | |
| | Good Chemical Resistance | | |
| | Low Smoke Emission | | |
| | Low Temperature Flexibility | | |
| | Sunlight Resistant | | |
| Uses | Medium Voltage Insulation | | |
| | Wire & Cable Applications | | |
| Wire Types | SJT | | |
| | SPT | | |
| | SVT | | |
| Agency Ratings | UL 1072 | | |
| Processing Method | Wire & Cable Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.40 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 10 sec) | 89 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 17.9 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 330 | % | ASTM D412 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -10.0 | °C | ASTM D746 |
| Maximum Operating Temperature | 90 | °C | ASTM D2863 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 28 | % | ASTM D2863 |

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

