

# Unichem 9172C

Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 9172C is a Polyvinyl Chloride product. It is available in North America. Typical application: Electrical/Electronic Applications.

| General Information          |                           |       |             |
|------------------------------|---------------------------|-------|-------------|
| Additive                     | Antimicrobial (Fungicide) |       |             |
| Features                     | Fungus Resistant          |       |             |
| Uses                         | Electrical Parts          |       |             |
| Forms                        | Pellets                   |       |             |
| Physical                     | Nominal Value             | Unit  | Test Method |
| Specific Gravity             | 1.28                      | g/cm³ | ASTM D792   |
| Hardness                     | Nominal Value             | Unit  | Test Method |
| Durometer Hardness (Shore A) | 94                        |       | ASTM D2240  |
| Mechanical                   | Nominal Value             | Unit  | Test Method |
| Tensile Strength (Yield)     | 20.7                      | MPa   | ASTM D638   |
| Tensile Elongation (Yield)   | 250                       | %     | ASTM D638   |
| Elastomers                   | Nominal Value             | Unit  | Test Method |
| Tensile Stress (100% Strain) | 14.5                      | MPa   | ASTM D412   |
| Thermal                      | Nominal Value             | Unit  | Test Method |
| Brittleness Temperature      | -31.1                     | °C    | ASTM D746   |

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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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