

# Sylvin 5214-70 Natural

Polyvinyl Chloride

Sylvin Technologies Incorporated

## Message:

Sylvin 5214-70 Natural Is A Vinyl Compound Formulated For SAE J1128 Wire Insulation Applications.

| General Information        |                             |                   |             |
|----------------------------|-----------------------------|-------------------|-------------|
| Uses                       | Wire and cable applications |                   |             |
| Appearance                 | Natural color               |                   |             |
| Processing Method          | Extrusion                   |                   |             |
| Physical                   | Nominal Value               | Unit              | Test Method |
| Specific Gravity           | 1.28                        | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                   | Nominal Value               | Unit              | Test Method |
| Durometer Hardness         |                             |                   | ASTM D2240  |
| Shaw A                     | 70                          |                   | ASTM D2240  |
| Shaw A, 10 seconds         | 70                          |                   | ASTM D2240  |
| Mechanical                 | Nominal Value               | Unit              | Test Method |
| Tensile Strength (Break)   | 14.5                        | MPa               | ASTM D638   |
| Tensile Elongation (Break) | 400                         | %                 | ASTM D638   |
| Elastomers                 | Nominal Value               | Unit              | Test Method |
| Tear Strength              | 56.9                        | kN/m              | ASTM D624   |
| Thermal                    | Nominal Value               | Unit              | Test Method |
| Continuous Use Temperature | 80.0                        | °C                | ASTM D794   |
| Melting Temperature        | 160 - 171                   | °C                |             |

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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

