

Sylvin 3210-90 Natural

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:

3210-90 Natural Is A Vinyl Compound That Is REACH And RoHS Compliant And Formulated With A Non-Phthalate, Bio-Based Plasticizer To Lower The Carbon Foot Print Of The Compound Versus Compounds That Use Petroleum-Based Plasticizers.

| General Information | | | |
|---------------------|---------------------------|--|--|
| Additive | Plasticizer | | |
| Features | Non-phthalate plasticizer | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| RoHS Compliance | RoHS compliance | | |
| Appearance | Natural color | | |
| Processing Method | Extrusion | | |
| | Injection molding | | |

| Physical | Nominal Value | Unit | Test Method |
|------------------|---------------|-------------------|-------------|
| Specific Gravity | 1.28 | g/cm ³ | ASTM D792 |

| Hardness | Nominal Value | Unit | Test Method |
|--------------------|---------------|------|-------------|
| Durometer Hardness | | | ASTM D2240 |
| Shaw A | 90 | | ASTM D2240 |
| Shaw A, 10 seconds | 90 | | ASTM D2240 |

| Mechanical | Nominal Value | Unit | Test Method |
|----------------------------|---------------|------|-------------|
| Tensile Strength (Break) | 17.9 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 350 | % | ASTM D638 |

| Elastomers | Nominal Value | Unit | Test Method |
|---------------|---------------|------|-------------|
| Tear Strength | 94.6 | kN/m | ASTM D624 |

| Thermal | Nominal Value | Unit | |
|---------------------|---------------|------|--|
| Melting Temperature | 171 - 182 | °C | |

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