

APEX® 89-P180-B

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 89-P180-B is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Important attributes of APEX® 89-P180-B are:

- RoHS Compliant
- Flame Retardant
- Good Flexibility
- Low Gloss

Typical application of APEX® 89-P180-B: Wire & Cable

| General Information | | | |
|--------------------------------------|-----------------------------|-------------------|-------------|
| Features | Flame Retardant | | |
| | Low Gloss | | |
| | Low Temperature Flexibility | | |
| Uses | Cable Jacketing | | |
| Wire Types | SJT | | |
| | ST | | |
| | SVT | | |
| Agency Ratings | UL 62 | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | Opaque | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.33 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 73 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 14.7 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 310 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 80.0 | °C | ASTM D794 |
| Brittleness Temperature | -33.0 | °C | ASTM D746 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity | 1.6E+11 | ohms · cm | ASTM D257 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 28 | % | ASTM D2863 |

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Recommended distributors for this material

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