

APEX® 85-J644-L

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 85-J644-L is a flexible polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is: extrusion.

APEX® The main features of 85-J644-L are:

- ROHS certification
- low gloss
- Good flexibility

Typical application areas include:

- Electrical/electronic applications
- Wire and cable

| General Information | | | |
|----------------------------------------------------------------------------------------------|---------------------------------|-------------------|-------------|
| Features | Flexibility at low temperatures | | |
| | Gloss, low | | |
| Uses | Communication wire sheath | | |
| | Transfer wire sheath material | | |
| Agency Ratings | NEC Article 725 | | |
| | NEC Article 770 | | |
| | NEC Article 820 | | |
| RoHS Compliance | RoHS compliance | | |
| Appearance | Clear/transparent | | |
| Forms | Particle | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 74 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 14.5 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 360 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -45.0 | °C | ASTM D746 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 21 | % | ASTM D2863 |
| Additional Information | | | |
| 温度额定值:80 °C耐日光性UL认证:否最大伸长保持率,UL 1581,烘箱老化,7天,113°C:80 % 拉伸强度保持率,UL 1581,烘箱老化,7天,113°C: 108 % | | | |
| Extrusion | Nominal Value | Unit | |

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