

APEX® 582 Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

Product Description

Applications include tubing, sheet and film, wire coating, and strip doors.

| Material Status • Commercial: Active Availability • Africa & Middle East • Asia Pacific • Europe • Latin America • North America Features • General Purpose • Connectors • Grommets • Strain Reliefs • Tubing • Wire Jack Wire Types • SPT • UL 498 • UL 62 | |
|---|--------|
| Availability • Asia Pacific • Latin America • North America Features • General Purpose Uses • Connectors • Strain Reliefs • Grommets • Tubing Wire Types • SPT | |
| Uses • Connectors • Grommets • Strain Reliefs • Tubing • Wire Jack Wire Types • SPT | nerica |
| Uses • Grommets • Tubing • Wire Jack Wire Types • SPT | |
| | keting |
| Agency Ratings • UL 498 • UL 62 | |
| | |
| RoHS Compliance • RoHS Compliant | |
| Appearance • Clear/Transparent | |
| Forms • Pellets | |
| Processing Method • Injection Molding | |

| ASTM & ISO Properties ¹ | | | |
|--------------------------------------|---------------|------|-------------|
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.16 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 1750 | psi | ASTM D638 |
| Tensile Elongation (Break) | 450 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 65 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 140 | °F | ASTM D794 |
| Brittleness Temperature | -47.2 | °F | ASTM D746 |

Notes

¹ Typical properties: these are not to be construed as specifications.

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