PEXIDAN® V/T - 2UV
Moisture Crosslinkable Insulation
UL 44 Bulletinized and VW-1 Compliant
REACH & RoHS Compliant

WIRE & CABLE
Moisture Cure Insulation Compounds

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NEW PEXIDAN® V/T-2UV COMPOUND

SĀCO AEI Polymers continues to expand its product line offering of high performance crosslinkable insulation compounds for wire and cable manufacturers with the introduction of PEXIDAN® V/T-2UV, bringing the trusted PEXIDAN® V/T-2 moisture-cure system ‘into the light’. PEXIDAN® V/T-2UV offers VW-1 performance and Sunlight Resistance in a colorable insulation, fulfilling the needs of a wide variety of cable markets including Industrial, Utility, Oil & Gas, and Alternative Energy. PEXIDAN® V/T-2UV is a UL 44 listed insulation suitable for single-conductor power cables or jacketed multi-conductor cables, surpassing UL and CSA tray cable requirements in all constructions.

KEY CHARACTERISTICS

- Processability on a wide range of thermoplastic extrusion equipment.
- The ability to produce crosslinked insulation without the need for a continuous vulcanization line or e-beam post-processing.
- Superior insulation properties and long-term wet electrical performance.
- Exceptional strength, toughness, abrasion and chemical resistance.
- Temperature ratings up to 105°C.
- PVC and heavy metal free, REACH and RoHS compliant product.
- Insulation for cables complying with UL, CSA, ICEA, and MIL-spec.
- Oil & gas resistance, UV resistance, low temperature resistance yet superior FR performance.

APPLICATIONS & STANDARDS

- UL listed for XHHW, XHHW-2, RHH, RHW-2 & SIS per UL 44.
- Complies with requirements for wire marked ‘SUNRES’ in all colors per UL 44.
- Complies with requirements for wires marked VW-1 per UL 44.
- Complies with IEEE 1202 for 1/0 and larger cables.
- Listed by CSA for SunRes RW90, RWU90 and CIC cables in all colors per CSA C22.2 No. 38.
- Listed for CSA SunRes RPV90, RPVU90 in all colors per CSA C22.2 No. 271.
- Listed for Photovoltaic (PV) cable per UL 4703 in all colors.
- Electrical Power & Control TC: UL 1277.
SĀCO AEI Polymers is a leading global company in the development, manufacture and sale of additives and specialty thermoplastic and crosslinkable compounds.

The demand for power grows while equipment and infrastructure gets ‘smarter’ and more sophisticated in order to use our resources to their fullest potential. Wire and cable is a key part of power resource management. PEXIDAN® products provide high-quality, low cost, performance-oriented XLPE insulation solutions for the power, control and instrumentation cable industry, backed by superior customer service and technical support and the best delivery in the industry.

**PEXIDAN® - Moisture-Crosslinkable Insulation Solutions for the Wire & Cable Industry**

<table>
<thead>
<tr>
<th>System</th>
<th>Composition</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEXIDAN® HF X/T</td>
<td>95% SX0651 5% CAT-540U/1</td>
<td>Low Smoke Zero Halogen XLPE Insulation</td>
</tr>
<tr>
<td>PEXIDAN® U/T</td>
<td>95% A-3001 5% CAT-008</td>
<td>Single rated low voltage USE-2 cables per UL 854.</td>
</tr>
<tr>
<td>PEXIDAN® R/T</td>
<td>95% A-3001 5% CAT-009</td>
<td>CSA listed product for low voltage constructions such as RW90, RWU90, AC90 and Teck90 as per CSA 22.2 #38.</td>
</tr>
<tr>
<td>PEXIDAN® R/T-UV</td>
<td>80% A-3001 20% CAT-124</td>
<td>CSA listed colorable product for ‘SR’ rated low voltage constructions such as RW90, RWU90 with sunlight resistance option as per CSA 22.2 #38.</td>
</tr>
<tr>
<td>PEXIDAN® X/T</td>
<td>80% A-3001 20% CAT-005FR</td>
<td>Low voltage power cable constructions per UL 44 and UL 854. XHHW-2, RHW-2, USE-2, RHH, SIS. CSA RW90 &amp; RWU90.</td>
</tr>
<tr>
<td>PEXIDAN® X/T-UV</td>
<td>80% A-3001 20% CAT-005FR-UV1</td>
<td>Colorable product for 6 AWG and larger low voltage power cable constructions with sunlight resistance option per UL 44 and UL 854. XHHW-2, RHW-2, USE-2, RHH, SIS.</td>
</tr>
<tr>
<td>PEXIDAN® X/T-UV2</td>
<td>80% A-3001 20% CAT-047FR-UV2</td>
<td>Colorable product for all sizes of low voltage power cable constructions with sunlight resistance option per UL 44 and UL 854. XHHW-2, RHW-2, USE-2, RHH, SIS.</td>
</tr>
<tr>
<td>PEXIDAN® V/T</td>
<td>50% A-3001 50% CAT-010FR</td>
<td>Low voltage power cable constructions with VW-1 flame option per UL 44. XHHW-2, RHW-2, RHH, SIS. Suitable for PV Cable per UL 4703. CSA RW90 &amp; RWU90.</td>
</tr>
<tr>
<td>PEXIDAN® V/T-2</td>
<td>50% A-3001 50% CAT-045FR</td>
<td>Low voltage power cable constructions with VW-1 option per UL 44. XHHW-2, RHW-2, RHH, SIS. Suitable for PV Cable per UL 4703. CSA RW90 &amp; RWU90. Also listed for IEEE 1202 (single conductor, flame only).</td>
</tr>
<tr>
<td>PEXIDAN® V/T-2UV</td>
<td>50% A-3001 50% CAT-083FR-UV</td>
<td>Colorable product for low voltage power cable with VW-1 and SUNRES options per UL 44. XHHW-2, RHW-2, RHH, SIS. Suitable for PV Cable per UL 4703.CSA RW90 &amp; RWU90. Also listed for IEEE 1202 (singles only).</td>
</tr>
<tr>
<td>PEXIDAN® H/T</td>
<td>67% A-3001 33% CAT-012FR</td>
<td>Designed for use in 125°C and 150°C appliance wire applications. UL styles 3173 and 3321. CSA CL-1251 and 1252.</td>
</tr>
<tr>
<td>PEXIDAN® J/T</td>
<td>60% A-3001 40% CAT-012FR</td>
<td>Designed for use as automotive primary insulation meeting the requirements of SAE J1128.</td>
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For Further Information
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