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| <p>TEST-GROUP LLC TESTING CENTER LICENSE No. 4265-2, tel.: +79299450372 Email: test-group2000@yandex.ru</p> | |
| <p>TEST SHEET No. 3021/15 dated 25 May 2016</p> | |
| Test site: | TEST-GROUP LLC Testing Center |
| Product description: | Heat resistant, oil resistant, food-grade, flame retardant, antistatic, frost resistant general purpose conveyor belts with splicing, repair and auxiliary materials: DEN-WALL reinforced rubber belts with corrugated sidewalls, PVC, polyurethane, felt, artificial leather coated conveyor belts |
| Manufacturer: | DEN TECHNOLOGIES CORPORATION |
| Manufacturer address: | 56 Hillcrest Ave, Attleboro, MA 02703, USA |
| Product was manufactured according to: | Manufacturer's technical documentation |
| Tested according to: | Manufacturer's specifications |
| Test goal: | Product test |
| Test method: | As specified in manufacturer's specifications |
| Test sheet form: | F100/02 |
| Tested samples passed/failed the test: | PASSED |

| | |
|-------------------------|---|
| TEST GOAL | To determine compliance of heat resistant, oil resistant, food-grade, flame retardant, antistatic, frost resistant general purpose conveyor belts with splicing, repair and auxiliary materials: DEN-WALL reinforced rubber belts with corrugated sidewalls, PVC, polyurethane, felt, artificial leather coated conveyor belts with manufacturer's specifications |
| TEST ITEM | Heat resistant, oil resistant, food-grade, flame retardant, antistatic, frost resistant general purpose conveyor belts with splicing, repair and auxiliary materials: DEN-WALL reinforced rubber belts with corrugated sidewalls, PVC, polyurethane, felt, artificial leather coated conveyor belts |
| TEST PROCEDURE | |
| Product identification: | Description, type and tag number of samples are in compliance with the supporting documentation |
| Test conditions: | Ambient temperature: 20-22°C Relative humidity: 66-68% Barometric pressure: 746-750 mm Hg |
| TEST METHOD | According to manufacturer's specifications |
| No. | Measuring and Test Tools |
| 1. | Meterage counter |

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| 2. | Metal measuring reel |
| 3. | Thickness gauge |

Manufacturer's Specifications Conformance Test Results

Table 1

| Parameter | Requirements | Result |
|--|---|--------------------------|
| Limit Deviations | | |
| Width, max. | ±1.0% | 0.3 |
| Length | +2.0 % -0.5 | +2.0 % -0.5 |
| Rubber cover thickness | 3.5 | 3.1 |
| Limit deviations | +2.0 -0,4 | +1.0 -0,2 |
| 20 meters of sidewall, max., width | ±5% | 2 |
| On belt surface | No folds, cracks, etc. | Conforms to requirements |
| Appearance | No carcass damage or layering, no separation of covers and sidewalls from the carcass | Conforms to requirements |
| Rated Tensile Strength (in Case of Fabric Ply Rapture) | | |
| warp | 200 | 200 |
| weft | 55 | 55 |
| Max. ply operating load at rated tensile strength, N/mm | 50 | 50 |
| Conveyor incline angle, degree | From 0 to 10 | 8 |
| Number of fabric plies | Up to 5 | 4 |
| Physical and Mechanical Performance | | |
| Tensile strength, MPa, min. | 24.5 | 25.3 |
| Elongation at rapture, %, min. | 450 | 466 |
| Volume loss due to abrasion, mm ³ , min. | 160 | 128 |
| Hardness, ShA | 40-60 | 49 |
| Elongation at rapture rate change after ageing, %, min.: | | |
| At temperature (100 ±1) °C for 24 hours | -50 | 55 |
| Warp elongation at loads of 10% of the sample strength rating, %, min. | 3.5 | 3.1 |
| Friction pull, N/mm, min.: | | |

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|--|---------------|---------------|
| Between cover and protective ply or breaker in type 1 belts | 4.0 | 5,3 |
| Friction pull change at ageing: | | |
| For type 1, 2, 3, belts and frost resistant belts at temperature (100 ±1) °C for 24 hours, min.: | | |
| between cover and carcass | -40 | -47 |
| between plies | -30 | -33 |
| Burning time of type 1.2 Sh flame resistant belts, sec., min.: | | |
| Six samples with covers | 45 | 36 |
| Surface resistance of type 1.2 Sh flame resistant belts, Om, min. | 3-10 8 | 5 7 |
| Flammability of type 1.2 Sh flame resistant belts at pulley friction | Not flammable | Not flammable |

CONCLUSION: According to the tests conducted on heat resistant, oil resistant, food-grade, flame retardant, antistatic, frost resistant general purpose conveyor belts with splicing, repair and auxiliary materials: DEN-WALL reinforced rubber belts with corrugated sidewalls, PVC, polyurethane, felt, artificial leather coated conveyor belts, no deviations from manufacturer's specifications have been detected

Tests performed by /signature/ Kononov V. I.
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(Seal: Test-Group LLC Testing Center, License No. 4265)