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Salesforce



10850

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## VINYL COMPOUNDS

### 10850 Flexible

| PRODUCT DESCRIPTION                                                                                                                                          |               |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|
| This flexible compound is formulated for a variety of building wire and non-metallic, conduit jacket applications with a maximum wall thickness of 3/4 inch. |               |                         |
| GENERAL PROPERTIES                                                                                                                                           | TYPICAL VALUE | TEST METHOD             |
| Specific Gravity (+/- 0.02)                                                                                                                                  | 1.26          | ASTM D-792              |
| Hardness Delayed, Shore A (+/- 3)                                                                                                                            | 85            | ASTM D-2240             |
| MECHANICAL PROPERTIES                                                                                                                                        | TYPICAL VALUE | TEST METHOD             |
| Tensile Strength, psi                                                                                                                                        | 3175          | ASTM D-638              |
| Tensile Strength, MPa                                                                                                                                        | 22            | ASTM D-638              |
| Elongation, %                                                                                                                                                | 350           | ASTM D-638              |
| 100% Modulus, psi                                                                                                                                            | 1650          | ASTM D-638              |
| 100% Modulus, MPa                                                                                                                                            | 11            | ASTM D-638              |
| THERMAL PROPERTIES                                                                                                                                           | TYPICAL VALUE | TEST METHOD             |
| Low-Temperature Brittle Point, °C                                                                                                                            | -35           | ASTM D-746              |
| FLAMMABILITY PROPERTIES                                                                                                                                      | TYPICAL VALUE | TEST METHOD             |
| Limited Oxygen Index, %                                                                                                                                      | 26            |                         |
| OTHER PROPERTIES                                                                                                                                             | TYPICAL VALUE | TEST METHOD             |
| Air Aging                                                                                                                                                    |               | 168h@100C 30mil plaques |
| Air Aging Elongation Retention, %                                                                                                                            | 85            | UL 1581                 |
| ADDITIONAL INFORMATION                                                                                                                                       | TYPICAL VALUE | TEST METHOD             |
| Recommended Stock Temperature, °F                                                                                                                            | 370           |                         |

Revised Date:10/29/2019

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