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Salesforce



12720

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## VINYL COMPOUNDS

### 12720 Flexible

| PRODUCT DESCRIPTION                                                                                                                                                                                                                            |               |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|
| This flexible, non-lead stabilized compound is formulated to provide excellent low-temperature and sunlight resistant properties for a variety of building wire and jacketing applications. This compound can service temperatures up to 80°C. |               |                        |
| GENERAL PROPERTIES                                                                                                                                                                                                                             | TYPICAL VALUE | TEST METHOD            |
| Specific Gravity (+/- 0.02)                                                                                                                                                                                                                    | 1.22          | ASTM D-792             |
| Hardness Delayed, Shore A (+/- 3)                                                                                                                                                                                                              | 72            | ASTM D-2240            |
| MECHANICAL PROPERTIES                                                                                                                                                                                                                          | TYPICAL VALUE | TEST METHOD            |
| Tensile Strength, psi                                                                                                                                                                                                                          | 2000          | ASTM D-638             |
| Tensile Strength, MPa                                                                                                                                                                                                                          | 14            | ASTM D-638             |
| Elongation, %                                                                                                                                                                                                                                  | 350           | ASTM D-638             |
| 100% Modulus, psi                                                                                                                                                                                                                              | 950           | ASTM D-638             |
| 100% Modulus, MPa                                                                                                                                                                                                                              | 7             | ASTM D-638             |
| THERMAL PROPERTIES                                                                                                                                                                                                                             | TYPICAL VALUE | TEST METHOD            |
| Low-Temperature Brittle Point, °C                                                                                                                                                                                                              | -52           | ASTM D-746             |
| FLAMMABILITY PROPERTIES                                                                                                                                                                                                                        | TYPICAL VALUE | TEST METHOD            |
| Limited Oxygen Index, %                                                                                                                                                                                                                        | 25            |                        |
| OTHER PROPERTIES                                                                                                                                                                                                                               | TYPICAL VALUE | TEST METHOD            |
| Air Aging                                                                                                                                                                                                                                      |               | 10d@100C 30mil plaques |
| Air Aging Elongation Retention, %                                                                                                                                                                                                              | 82.6          | UL 1581                |
| ADDITIONAL INFORMATION                                                                                                                                                                                                                         | TYPICAL VALUE | TEST METHOD            |
| Recommended Stock Temperature, °F                                                                                                                                                                                                              | 340           |                        |

Revised Date:10/29/2019

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