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Salesforce



4125-53

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## VINYL COMPOUNDS

### 4125-53 Flexible

| PRODUCT DESCRIPTION                                                                                                                                                                                                                                                                                                              |               |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|
| This flexible, non-phthalate compound is formulated to provide optimized flexibility and ease of processing for a variety of automotive applications that require ISO 6722 certification. This compound can service temperatures up to 125°C and is commonly used in thin-walled, 0.5-6.0 millimeter ISO conductor applications. |               |             |
| GENERAL PROPERTIES                                                                                                                                                                                                                                                                                                               | TYPICAL VALUE | TEST METHOD |
| Specific Gravity (+/- 0.02)                                                                                                                                                                                                                                                                                                      | 1.36          | ASTM D-792  |
| Hardness Delayed, Shore D (+/- 3)                                                                                                                                                                                                                                                                                                | 53            | ASTM D-2240 |
| MECHANICAL PROPERTIES                                                                                                                                                                                                                                                                                                            | TYPICAL VALUE | TEST METHOD |
| Tensile Strength, psi                                                                                                                                                                                                                                                                                                            | 3200          | ASTM D-638  |
| Tensile Strength, MPa                                                                                                                                                                                                                                                                                                            | 22            | ASTM D-638  |
| Elongation, %                                                                                                                                                                                                                                                                                                                    | 290           | ASTM D-638  |
| 100% Modulus, psi                                                                                                                                                                                                                                                                                                                | 2400          | ASTM D-638  |
| 100% Modulus, MPa                                                                                                                                                                                                                                                                                                                | 17            | ASTM D-638  |
| THERMAL PROPERTIES                                                                                                                                                                                                                                                                                                               | TYPICAL VALUE | TEST METHOD |
| Low-Temperature Brittle Point, °C                                                                                                                                                                                                                                                                                                | -18           | ASTM D-746  |
| ADDITIONAL INFORMATION                                                                                                                                                                                                                                                                                                           | TYPICAL VALUE | TEST METHOD |
| Recommended Stock Temperature, °F                                                                                                                                                                                                                                                                                                | 370           |             |
| REGULATORY LISTINGS AND CERTIFICATIONS                                                                                                                                                                                                                                                                                           |               |             |
| RoHS                                                                                                                                                                                                                                                                                                                             |               |             |

Revised Date:10/29/2019

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