

## PolyOne Geon™ Vinyl Wire & Cable 3311-xx13D Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

### Material Notes:

Typical Properties of Molded Slab (0.075); Not to be Construed as Specifications. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Geon-Vinyl-Wire-Cable-3311-xx13D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-3311-xx13D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

| Physical Properties | Metric    | English   | Comments  |
|---------------------|-----------|-----------|-----------|
| Specific Gravity    | 1.36 g/cc | 1.36 g/cc | ASTM D792 |

| Mechanical Properties   | Metric   | English  | Comments                       |
|-------------------------|----------|----------|--------------------------------|
| Hardness, Shore D       | 68       | 68       | 15 sec; ASTM D2240             |
| Tensile Strength, Yield | 30.7 MPa | 4450 psi | Type IV, 510 mm/min; ASTM D638 |
| Elongation at Break     | 180 %    | 180 %    | Type IV, 510 mm/min; ASTM D638 |

| Thermal Properties               | Metric                     | English                     | Comments              |
|----------------------------------|----------------------------|-----------------------------|-----------------------|
| Maximum Service Temperature, Air | 75.0 °C                    | 167 °F                      | UL Temperature Rating |
| Flammability, UL94               | V-0<br>@Thickness 0.749 mm | V-0<br>@Thickness 0.0295 in | ALL; UL 94            |

| Processing Properties | Metric       | English      | Comments |
|-----------------------|--------------|--------------|----------|
| Melt Temperature      | 182 - 193 °C | 360 - 379 °F |          |

| Descriptive Properties | Value                                        | Comments |
|------------------------|----------------------------------------------|----------|
| Additive               | Lead Stabilizer                              |          |
| Agency Ratings         | UL QMFZ2                                     |          |
| Features               | Flame Retardant                              |          |
| Forms                  | Pellets                                      |          |
| Generic Material       | PVC, Flexible                                |          |
| Generic Name           | Polyvinyl Chloride, Flexible (PVC, Flexible) |          |
| Regional Availability  | Africa & Middle East                         |          |
|                        | Asia Pacific                                 |          |

| Descriptive Properties | Value                     | Comments |
|------------------------|---------------------------|----------|
|                        | North America             |          |
|                        | South America             |          |
| Uses                   | Wire & Cable Applications |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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