

# Geon™ HTX Ultra LA426 Tan 3725

Polyvinyl Chloride Alloy

PolyOne Corporation

## Message:

It is most suitable for black and darker colors with color values between 50 and 70L. The same applies to colors with color values above 70L.

| General Information                                     |                         |                   |             |
|---------------------------------------------------------|-------------------------|-------------------|-------------|
| UL YellowCard                                           | E41877-100465201        |                   |             |
| Features                                                | Rigidity, high          |                   |             |
|                                                         | Impact resistance, high |                   |             |
| Uses                                                    | Outdoor application     |                   |             |
|                                                         | Profile                 |                   |             |
| Forms                                                   | Particle                |                   |             |
| Processing Method                                       | Extrusion               |                   |             |
| Physical                                                | Nominal Value           | Unit              | Test Method |
| Specific Gravity                                        | 1.26                    | g/cm <sup>3</sup> | ASTM D792   |
| PVC Cell Classification                                 | 4-41421-64-0000         |                   | ASTM D4216  |
| PVC Cell Classification                                 | 15225                   |                   | ASTM D1784  |
| Hardness                                                | Nominal Value           | Unit              | Test Method |
| Durometer Hardness (Shore D, 15 sec)                    | 76                      |                   | ASTM D2240  |
| Mechanical                                              | Nominal Value           | Unit              | Test Method |
| Tensile Modulus <sup>1</sup>                            | 2040                    | MPa               | ASTM D638   |
| Tensile Strength <sup>2</sup> (Yield)                   | 38.4                    | MPa               | ASTM D638   |
| Flexural Modulus                                        | 2090                    | MPa               | ASTM D790   |
| Flexural Strength                                       | 66.9                    | MPa               | ASTM D790   |
| Impact                                                  | Nominal Value           | Unit              | Test Method |
| Notched Izod Impact (23°C, 3.18 mm, Compression Molded) | 690                     | J/m               | ASTM D256A  |
| Drop Impact Resistance                                  |                         |                   | ASTM D4226  |
| 23°C <sup>3</sup>                                       | 59.6                    | J/cm              | ASTM D4226  |
| 23°C <sup>4</sup>                                       | 178                     | J/cm              | ASTM D4226  |
| Thermal                                                 | Nominal Value           | Unit              | Test Method |
| Deflection Temperature Under Load                       |                         |                   | ASTM D648   |
| 0.45 MPa, unannealed, 3.18mm                            | 91.1                    | °C                | ASTM D648   |
| 0.45 MPa, annealed, 3.18mm                              | 91.1                    | °C                | ASTM D648   |
| 1.8 MPa, unannealed, 3.18mm                             | 82.2                    | °C                | ASTM D648   |
| 1.8 MPa, annealed, 3.18mm                               | 86.1                    | °C                | ASTM D648   |
| CLTE - Flow                                             | 8.0E-5                  | cm/cm/°C          | ASTM D696   |

| Additional Information                                    |                             | Nominal Value |
|-----------------------------------------------------------|-----------------------------|---------------|
| Ease of Sizing                                            |                             | Acceptable    |
| 推荐在华氏160度下将材料干燥至少2小时.物理属性基于 Geon HTX Ultra LA426 Tan 3725 |                             |               |
| Extrusion                                                 | Nominal Value               | Unit          |
| Melt Temperature                                          | 174 - 193                   | °C            |
| NOTE                                                      |                             |               |
| 1.                                                        | Type 1, 5.1 mm/min          |               |
| 2.                                                        | Type 1, 5.1 mm/min          |               |
| 3.                                                        | Procedure A, C.125 Throwing |               |
| 4.                                                        | Procedure B, C.125 Throwing |               |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

