

# APEX® 2555-H

## Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

|                   | General I   | nformation                                     |               |  |
|-------------------|---|--|---------------|--|
| General           |   |  |               |  |
| Material Status   | Commercial: Active  |  |               |  |
| Availability      | <ul><li> Africa &amp; Middle East</li><li> Asia Pacific</li></ul> | <ul><li>Europe</li><li>Latin America</li></ul> | North America |  |
| Uses              | <ul><li>General Purpose</li><li>Hose</li></ul>                    | <ul><li> Profiles</li><li> Tubing</li></ul>    |               |  |
| Appearance        | <ul> <li>Natural Color</li> </ul>                                 | Opaque   |               |  |
| Forms             | • Pellets   |  |               |  |
| Processing Method | <ul> <li>Extrusion</li> </ul>                                     |  |               |  |

| ASTM & ISO Properties 1        |               |      |             |  |
|--------------------------------|---------------|------|-------------|--|
| Physical                       | Nominal Value | Unit | Test Method |  |
| Specific Gravity               | 1.25          |      | ASTM D792   |  |
| Mechanical                     | Nominal Value | Unit | Test Method |  |
| Tensile Strength (100% Strain) | 425           | psi  | ASTM D638   |  |
| Tensile Strength (Break)       | 1470          | psi  | ASTM D638   |  |
| Tensile Elongation (Break)     | 450           | %    | ASTM D638   |  |
| Hardness                       | Nominal Value | Unit | Test Method |  |
| Durometer Hardness             |               |      | ASTM D2240  |  |
| Shore A                        | 61            |      |             |  |
| Shore A, 15 sec                | 55            |      |             |  |
| Thermal                        | Nominal Value | Unit | Test Method |  |
| Brittleness Temperature        | -61.6         | °F   | ASTM D746   |  |

### **Notes**

#### Teknor Apex Company Corporate Headquarters

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<sup>&</sup>lt;sup>1</sup> Typical properties: these are not to be construed as specifications.