

# APEX® 1523E-8

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

## General Information

### General

|                           |  |                             |                      |
|---------------------------|--|-----------------------------|----------------------|
| Material Status           | • Commercial: Active                     |                             |                      |
| Availability              | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America      |
| Uses                      | • Automotive Window Encapsulation        |                             |                      |
| Automotive Specifications | • FORD WSK-M4D689-A6                     | • GM GMP.PVC.074            | • TOYOTA TSM 5728G-2 |
| Forms                     | • Pellets                                |                             |                      |
| Processing Method         | • Injection Molding                      |                             |                      |

## ASTM & ISO Properties <sup>1</sup>

| Physical                             | Nominal Value | Unit   | Test Method |
|--------------------------------------|---------------|--------|-------------|
| Specific Gravity                     | 1.25          |        | ASTM D792   |
| Mechanical                           | Nominal Value | Unit   | Test Method |
| Tensile Strength (Break)             | 1650          | psi    | ASTM D638   |
| Tensile Elongation (Break)           | 430           | %      | ASTM D638   |
| Elastomers                           | Nominal Value | Unit   | Test Method |
| Tear Strength                        | 199           | lbf/in | ASTM D624   |
| Hardness                             | Nominal Value | Unit   | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 68            |        | ASTM D2240  |
| Thermal                              | Nominal Value | Unit   | Test Method |
| Brittleness Temperature              | -34.6         | °F     | ASTM D746   |

### Notes

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

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