



# APEX® RE 8222

Teknor Apex Company - Rigid Polyvinyl Chloride

## General Information

### General

|                 |                                          |                             |                 |
|-----------------|------------------------------------------|-----------------------------|-----------------|
| Material Status | • Commercial: Active                     |                             |                 |
| Availability    | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Forms           | • Pellets                                |                             |                 |

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

| Physical                                             | Nominal Value | Unit      | Test Method |
|------------------------------------------------------|---------------|-----------|-------------|
| Density / Specific Gravity                           | 1.35          |           | ASTM D792   |
| Mechanical                                           | Nominal Value | Unit      | Test Method |
| Tensile Modulus                                      | 360000        | psi       | ASTM D638   |
| Tensile Strength (Break)                             | 6100          | psi       | ASTM D638   |
| Tensile Elongation (Break)                           | 110           | %         | ASTM D638   |
| Flexural Modulus                                     | 380000        | psi       | ASTM D790   |
| Impact                                               | Nominal Value | Unit      | Test Method |
| Notched Izod Impact                                  |               |           | ASTM D256   |
| 73°F, 0.125 in, Compression Molded                   | 22            | ft-lb/in  |             |
| Drop Impact Resistance <sup>2</sup> (73°F, 0.500 in) | 1.89          | in-lb/mil | ASTM D4226  |
| Hardness                                             | Nominal Value | Unit      | Test Method |
| Durometer Hardness (Shore D, 10 sec)                 | 81            |           | ASTM D2240  |

### Notes

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

<sup>2</sup> Procedure A