

# Vi-Chem PVC VNC95-80I

Flexible Polyvinyl Chloride

Vi-Chem Corporation

Message:

Vi-Chem PVC VNC95-80I is a Flexible Polyvinyl Chloride material. It is available in North America for injection molding.

| General Information                   |                   |                   |             |
|---------------------------------------|-------------------|-------------------|-------------|
| Forms                                 | Pellets           |                   |             |
| Processing Method                     | Injection Molding |                   |             |
| Physical                              | Nominal Value     | Unit              | Test Method |
| Specific Gravity                      | 1.25              | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                              | Nominal Value     | Unit              | Test Method |
| Durometer Hardness                    | 92                |                   | ASTM D2240  |
| Elastomers                            | Nominal Value     | Unit              | Test Method |
| Tensile Stress (100% Strain)          | 11.2              | MPa               | ASTM D412   |
| Tensile Strength <sup>1</sup> (Break) | 18.4              | MPa               | ASTM D412   |
| Tensile Elongation (Break)            | 410               | %                 | ASTM D412   |
| Tear Strength                         | 60.5              | kN/m              | ASTM D624   |
| NOTE                                  |                   |                   |             |
| 1.                                    | Die C             |                   |             |

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