

# Unichem 7811C-02

Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 7811C-02 is a Polyvinyl Chloride product. It is available in North America. Applications of Unichem 7811C-02 include food contact applications and medical/healthcare.  
Characteristics include:  
Good Flexibility  
Non-Toxic

| General Information          |                                 |                   |             |
|------------------------------|---------------------------------|-------------------|-------------|
| Features                     | Good Flexibility                |                   |             |
|                              | Non-Toxic                       |                   |             |
| Uses                         | Food Service Applications       |                   |             |
|                              | Medical/Healthcare Applications |                   |             |
| Appearance                   | Clear/Transparent               |                   |             |
| Forms                        | Pellets                         |                   |             |
| Physical                     | Nominal Value                   | Unit              | Test Method |
| Specific Gravity             | 1.22                            | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                     | Nominal Value                   | Unit              | Test Method |
| Durometer Hardness (Shore A) | 78                              |                   | ASTM D2240  |
| Mechanical                   | Nominal Value                   | Unit              | Test Method |
| Tensile Strength (Yield)     | 17.2                            | MPa               | ASTM D638   |
| Tensile Elongation (Yield)   | 350                             | %                 | ASTM D638   |
| Elastomers                   | Nominal Value                   | Unit              | Test Method |
| Tensile Stress (100% Strain) | 8.27                            | MPa               | ASTM D412   |
| Thermal                      | Nominal Value                   | Unit              | Test Method |
| Brittleness Temperature      | -31.1                           | °C                | ASTM D746   |

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