

# Unichem 6811-02 BUSCH

Polyvinyl Chloride

Colorite Polymers

Message:

For use in beverage tubing.

| General Information          |                                      |                   |             |
|------------------------------|--------------------------------------|-------------------|-------------|
| Features                     | Good Flexibility                     |                   |             |
|                              | Low Taste Transfer                   |                   |             |
|                              | Low to No Odor                       |                   |             |
| Uses                         | Food Containers                      |                   |             |
|                              | Tubing                               |                   |             |
| Agency Ratings               | FDA Food Contact, Unspecified Rating |                   |             |
| Appearance                   | Clear/Transparent                    |                   |             |
| Forms                        | Pellets                              |                   |             |
| Physical                     | Nominal Value                        | Unit              | Test Method |
| Specific Gravity             | 1.20                                 | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                     | Nominal Value                        | Unit              | Test Method |
| Durometer Hardness (Shore A) | 68                                   |                   | ASTM D2240  |
| Mechanical                   | Nominal Value                        | Unit              | Test Method |
| Tensile Strength (Yield)     | 13.8                                 | MPa               | ASTM D638   |
| Tensile Elongation (Yield)   | 400                                  | %                 | ASTM D638   |
| Elastomers                   | Nominal Value                        | Unit              | Test Method |
| Tensile Stress (100% Strain) | 5.52                                 | MPa               | ASTM D412   |
| Thermal                      | Nominal Value                        | Unit              | Test Method |
| Brittleness Temperature      | -40.0                                | °C                | ASTM D746   |

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