



CPVC Material Solutions

# TempRite® 3206

Industrial Injection Molding Material

Product Data Sheet

**HEAT      Chemical Resistance      Flame & Smoke      Agency Listings**

The unique performance advantages of Chlorinated Poly-Vinyl Chloride (CPVC) are available for processing on conventional vinyl injection molding equipment with TempRite® compounds exclusively from Noveon, the world leader in CPVC markets and technology.

| PROPERTY   | TEST METHOD    | TYPICAL VALUES FOR TESTED LOTS |          |
|--|----------------|--------------------------------|----------|
|  |                | 3206                           | UNITS    |
| <b>THERMAL</b>   |                |                                |          |
| Heat deflection under load<br>264 psi, 1/8" bar annealed | ASTM D-648     | 214                            | °F       |
| Coefficient of linear expansion                          | ASTM D-696     | 3.7x10 <sup>-5</sup>           | in/in°F  |
| Melt Flow Index (215°C, 10.1 kg)                         | ASTM D-1238    | 10.7                           | g/10 min |
| <b>MECHANICAL</b>  |                |                                |          |
| Tensile strength (73°F / 23°C)<br>At yield               | ASTM D-638     | 8,200                          | psi      |
| Tensile modulus (73°F / 23°C)                            | ASTM D-638     | 405,00                         | psi      |
| Flexural strength (73°F / 23°C)                          | ASTM D-790     | 15,000                         | psi      |
| Flexural modulus (73°F / 23°C)                           | ASTM D-790     | 435,000                        | psi      |
| <b>IMPACT</b>  |                |                                |          |
| Notched izod   | ASTM D-256     | 1.5                            | ft-lb/in |
| <b>PHYSICAL</b>  |                |                                |          |
| Specific gravity   | ASTM D-792     | 1.52                           | R scale  |
| Rockwell Hardness  | ASTM D-785     | 117                            |          |
| Cell Classification                                      | ASTM D-1784    | 23447-B                        |          |
| <b>NSF Listing</b>                                       | NSF 14, NSF 61 | Approved                       |          |

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