

# FORMION® FI 390

Ionomer

A. Schulman Inc.

Message:

Ionomer HDPE 3% Glass Fiber

| General Information                   |                   |                   |             |
|---------------------------------------|-------------------|-------------------|-------------|
| Processing Method                     | Injection Molding |                   |             |
| Physical                              | Nominal Value     | Unit              | Test Method |
| Specific Gravity                      | 0.970             | g/cm <sup>3</sup> | ASTM D792   |
| Mechanical                            | Nominal Value     | Unit              | Test Method |
| Tensile Strength <sup>1</sup> (Yield) | 21.0              | MPa               | ASTM D638   |
| Flexural Modulus <sup>2</sup>         | 900               | MPa               | ASTM D790   |
| Additional Information                | Nominal Value     | Unit              | Test Method |
| Filler Content                        | 2.0               | %                 | ASTM D5630  |
| NOTE                                  |                   |                   |             |
| 1.                                    | 50 mm/min         |                   |             |
| 2.                                    | 1.3 mm/min        |                   |             |

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