

## FLAMETEC™ CLEAN ROOM PVC-C

### Typical Physical Properties:

| TYPICAL PHYSICAL PROPERTIES                 | Nominal Value                 | Units             | ASTM Test Method |
|---|-------------------------------|-------------------|------------------|
| Melt Index                                  |                               |                   |                  |
| Density                                     | 1.5                           | g/cm <sup>3</sup> | D 792            |
| Tensile Strength @ Yield                    | 4,600                         | psi               | D 638            |
| Elongation %                                | 4                             | %                 | D 638            |
| Coefficient of Linear Thermal Expansion     | 3.3x10 <sup>-5</sup>          | In./In. °F        | D 696            |
| Flexural Modulus                            | 400,000                       | psi               | D 790            |
| Notched Izod Impact                         | 3                             | ft-lb/in          | D256             |
| Low Temperature Brittleness F <sub>50</sub> |                               |                   |                  |
| Heat Deflection Temperature @ 66 psi        |                               |                   |                  |
| Maximum Service Temperature, Air            |                               |                   |                  |
| Vicat Softening Point                       | 190                           | °F                | D 1525           |
| Hardness, Shore D                           | 85                            |                   | D 2240           |
| Absorption                                  | 0.03                          |                   | D 570            |
| Flammability Rating                         | FM-4910                       |                   | FM-4910          |
| Compliances                                 | Factory Mutual listed product |                   |                  |



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