

# PERCOM® HF FRV0

Polypropylene  
A. Schulman Europe

Message:

PERCOM® HF FRV0 is a Polypropylene material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of PERCOM® HF FRV0 are:

Flame Rated  
RoHS Compliant  
Flame Retardant

Typical application of PERCOM® HF FRV0: Electrical/Electronic Applications

| General Information                       |                 |          |                |
|-------------------------------------------|-----------------|----------|----------------|
| Additive                                  | Flame Retardant |          |                |
| Features                                  | Flame Retardant |          |                |
|                                           | Halogenated     |          |                |
| Uses                                      | Conduit         |          |                |
| RoHS Compliance                           | RoHS Compliant  |          |                |
| Physical                                  | Nominal Value   | Unit     | Test Method    |
| Density                                   | 1.03            | g/cm³    | ISO 1183       |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 10              | g/10 min | ISO 1133       |
| Molding Shrinkage                         | 1.0 to 1.5      | %        |                |
| Hardness                                  | Nominal Value   | Unit     | Test Method    |
| Shore Hardness (Shore D)                  | 63              |          |                |
| Mechanical                                | Nominal Value   | Unit     | Test Method    |
| Tensile Stress (Yield)                    | 28.0            | MPa      | ISO 527-2      |
| Flexural Modulus                          | 2000            | MPa      | ISO 178        |
| Impact                                    | Nominal Value   | Unit     | Test Method    |
| Notched Izod Impact Strength (23°C)       | 5.0             | kJ/m²    | ISO 180/1A     |
| Thermal                                   | Nominal Value   | Unit     | Test Method    |
| Vicat Softening Temperature               | 150             | °C       | ISO 306/A50    |
| Flammability                              | Nominal Value   | Unit     | Test Method    |
| Flame Rating (1.60 mm)                    | V-0             |          | UL 94          |
| Glow Wire Ignition Temperature (2.00 mm)  | 960             | °C       | IEC 60695-2-13 |

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