# Hoffman PVC V7-28

Rigid Polyvinyl Chloride

Hoffman Plastic Compounds Inc.

## Message:

Hoffman PVC V7-28 is a rigid polyvinyl chloride material. This product is available in North America and is processed by injection molding.
The main characteristics of Hoffman PVC V7-28 are:
flame retardant/rated flame
Hard
Impact resistance
the typical application field of Hoffman PVC V7-28 is: food contact application

| General Information | | | |
|---|---|---|---|
| Features | Rigidity, high<br>Impact resistance, good | | |
| Agency Ratings | FDA not rated | | |
| Appearance | Clear/transparent | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Specific Gravity | 1.32 | g/cm³ | ASTM D792 |
| Molding Shrinkage - Flow | 0.30 - 0.50 | % | ASTM D955 |
| **Hardness** | **Nominal Value** | **Unit** | **Test Method** |
| Durometer Hardness (Shore D) | 80 | | ASTM D2240 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Modulus | 2540 | MPa | ASTM D638 |
| Tensile Strength | 44.1 | MPa | ASTM D638 |
| Flexural Modulus | 2550 | MPa | ASTM D790 |
| Flexural Strength | 68.3 | MPa | ASTM D790 |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Notched Izod Impact (3.18 mm) | 1100 | J/m | ASTM D256 |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Deflection Temperature Under Load (1.8 MPa, Annealed) | 72.2 | °C | ASTM D648 |
| **Flammability** | **Nominal Value** | | **Test Method** |
| Flame Rating | V-0 | | UL 94 |
| **Injection** | **Nominal Value** | **Unit** | |
| Processing (Melt) Temp | 149 - 166 | °C | |
| **Injection instructions** | | | |

The processing temperature given is for a standard nozzle tip and screw. The temperature range for a smear nozzle tip and PVC screw is 330 - 360°F.

infringement occurs, please contact us immediately.

Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China