

Hy-Vin® VR818

Rigid Polyvinyl Chloride

INEOS Compounds

Message:

Rigid PVC Extrusion Compound
Colour: White & Colours
Application: General Purpose Profiles For Internal and External Use
Characteristics: Easy Processing, Medium Impact.

| General Information | | | |
|-------------------------------------|--------------------------|-------------------|--------------|
| Features | Good Processability | | |
| | Medium Impact Resistance | | |
| Uses | General Purpose | | |
| | Outdoor Applications | | |
| | Profiles | | |
| Appearance | Colors Available | | |
| | White | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density ¹ | 1.54 | g/cm ³ | ISO 1183/A |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress | | | ISO 527-2/50 |
| Yield | 44.5 | MPa | |
| Break | 28.2 | MPa | |
| Tensile Strain (Break) | 18 | % | ISO 527-2/50 |
| Flexural Modulus | 2180 | MPa | ISO 178 |
| Flexural Stress | 52.9 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength (23°C) | 10 | kJ/m ² | ISO 180/A |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 76.0 | °C | ISO 306/B |
| Thermal Stability (200°C) | 25 | min | ISO 182 |
| NOTE | | | |

1. varies with colour

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