

Hy-Vin® VT725

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description: Clear flexible PVC extrusion compound

Colour: Clear and tints

Application: Low toxicity, food contact and general purpose extrusions

Specification: The raw materials used in this compound are approved for food contact use by the US F&DA & BGA

| General Information | | | |
|--|--------------------------------------|-------------------|-------------|
| Features | Food Contact Acceptable | | |
| | General Purpose | | |
| | Low Toxicity | | |
| Agency Ratings | BGA Food Contact, Unspecified Rating | | |
| | FDA Food Contact, Unspecified Rating | | |
| Appearance | Clear/Transparent | | |
| | Colors Available | | |
| Forms | Granules | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density ¹ | 1.26 | g/cm ³ | BS 2782 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A, 15 sec, 23°C) | 85 | | BS 2782 |
| BS Softness | 27 | | BS 2782 |
| Cold Bend | < -40 | °C | BS 2782 |
| Cold Flexibility | -8 | °C | BS 2782 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress ² (Yield) | 21.5 | MPa | BS 2782 |
| Tensile Strain ³ (Break) | 320 | % | BS 2782 |
| Extrusion | Nominal Value | Unit | |
| Cylinder Zone 1 Temp. | 135 | °C | |
| Cylinder Zone 2 Temp. | 145 | °C | |
| Cylinder Zone 3 Temp. | 155 | °C | |
| Die Temperature | 170 | °C | |
| NOTE | | | |
| 1. | Clear 153, varies with colour | | |
| 2. | 500 mm/min | | |
| 3. | 500 mm/min | | |

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