

Axial PVC 7533

Rigid Polyvinyl Chloride

Axial Corporation

Message:

7533 is a pellet substrate compound for twin-screw extrusion applications. The product is designed for good impact and adhesion to capstock compounds.

| General Information | | | |
|---|-------------------------|-------------------|-------------|
| Features | Rigidity, high | | |
| | Impact resistance, good | | |
| Uses | Adhesive | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.42 - 1.46 | g/cm ³ | ASTM D792 |
| PVC Cell Classification | 13333 | | ASTM D1784 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 88 | | ASTM D785 |
| Durometer Hardness (Shore D, 10 sec) | 78 - 84 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2690 | MPa | ASTM D638 |
| Tensile Strength | 42.1 | MPa | ASTM D638 |
| Flexural Modulus | 2760 | MPa | ASTM D790 |
| Flexural Strength | 68.9 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 150 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 66.0 | °C | ASTM D648 |

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