HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

**Technical Data Sheet**

# *Polyvin* PVC 6588

Polyvinyl Chloride
LyondellBasell Industries
Engineering Plastics

| Product Description |
|---|
| General purpose flexible PVC formulation for wire harness/strain relief applications requiring good dry feel and east of processing |

| General | | |
|---|---|---|
| Processing Method | • Extrusion | • Injection Molding |

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---|---|---|---|
| Density / Specific Gravity | 1.31 | 1.31 g/cm³ | ASTM D792 |
| **Mechanical** | **Nominal Value (English)** | **Nominal Value (SI)** | **Test Method** |
| Tensile Strength [1] (Yield) | 1500 psi | 10.3 MPa | ASTM D638 |
| Tensile Elongation [2] (Break) | 330 % | 330 % | ASTM D638 |
| **Elastomers** | **Nominal Value (English)** | **Nominal Value (SI)** | **Test Method** |
| Tear Strength [3] | 18.0 lbf/in | 3.16 kN/m | ASTM D1004 |
| **Hardness** | **Nominal Value (English)** | **Nominal Value (SI)** | **Test Method** |
| Durometer Hardness (Shore A, 15 Sec) | 70 | 70 | ASTM D2240 |

### Notes

[1] Type IV, 20 in/min (510 mm/min)

[2] Type IV, 20 in/min (500 mm/min)

[3] Die C, 2.0 in/min (51 mm/min)

### Notes

These are typical property values not to be construed as specification limits.