



Technical Data Sheet

# Polyvin PVC 5004E

Polyvinyl Chloride  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

GP Extrusion PVC 60A

**General**

Processing Method • Extrusion

| Physical                                | Nominal Value (English) | Nominal Value (SI)     | Test Method |
|---|-------------------------|------------------------|-------------|
| Density / Specific Gravity              | 1.22                    | 1.22 g/cm <sup>3</sup> | ASTM D792   |
| Mechanical                              | Nominal Value (English) | Nominal Value (SI)     | Test Method |
| Tensile Strength <sup>1</sup> (Yield)   | 1600 psi                | 11.0 MPa               | ASTM D638   |
| Tensile Elongation <sup>1</sup> (Break) | 400 %                   | 400 %                  | ASTM D638   |
| Elastomers                              | Nominal Value (English) | Nominal Value (SI)     | Test Method |
| Tear Strength <sup>1</sup>              | 171 lbf/in              | 30.0 kN/m              | ASTM D624   |
| Hardness                                | Nominal Value (English) | Nominal Value (SI)     | Test Method |
| Durometer Hardness (Shore A)            | 62                      | 62                     | ASTM D2240  |

**Notes**

<sup>1</sup> 20 in/min (500 mm/min)

**Notes**

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