



Technical Data Sheet

# Polyvin PVC 5601

Flexible Polyvinyl Chloride  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

Flexible PVC formulation for applications requiring good dry touch, excellent weathering and ease of processing.

**General**

Processing Method • Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.17	1.17 g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>1</sup> (Yield)	798 psi	5.50 MPa	ASTM D638
Tensile Elongation <sup>1</sup> (Break)	330 %	330 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength <sup>2</sup>	99.9 lbf/in	17.5 kN/m	ASTM D1004
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 15 Sec)	63	63	ASTM D2240

**Notes**

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

<sup>2</sup> Die C, 2.0 in/min (50 mm/min)

**Notes**

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