

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 ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	798 psi	5.50 MPa	ASTM D638
Tensile Elongation ¹ (Break)	330 %	330 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ²	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

¹ Type IV, 20 in/min (500 mm/min)² Die C, 2.0 in/min (50 mm/min)

Notes

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

