

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 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.