

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/cm ³	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.