

Technical Data Sheet

Polyvin PVC 6820

Polyvinyl Chloride
LyondellBasell Industries
Engineering Plastics

Product Description

GP PVC 70A Extrusion UV

General

Features	• General Purpose	• UV Resistant
Processing Method	• Extrusion	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.34	1.34 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	1450 psi	10.0 MPa	ASTM D638
Tensile Elongation ¹ (Break)	280 %	280 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ²	183 lbf/in	32.0 kN/m	ASTM D1004
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	70	70	ASTM D2240

Notes

¹ 20 in/min (500 mm/min)

² 2.0 in/min (50 mm/min)

Notes

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