

Polyvin PVC 9079E

Flexible Polyvinyl Chloride

LyondellBasell Industries

Engineering Plastics

Product Description

Flexible PVC formulation for profile extrusion and injection molding applications requiring good dry touch and ease of processing.

General

Processing Method • Extrusion • Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.27	1.27 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus - 100% Secant ¹	2490 psi	17.2 MPa	ASTM D638
Tensile Strength ² (Yield)	3400 psi	23.4 MPa	ASTM D638
Tensile Elongation ² (Break)	300 %	300 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ³	431 lbf/in	75.4 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 15 Sec)	90	90	ASTM D2240

Notes

¹ 0.79 in/min (20 mm/min)² Type IV, 20 in/min (510 mm/min)³ 20 in/min (500 mm/min)