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Technical Data Sheet

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/cm³	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)

Notes

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