

Polyvin PVC 4507-31 Blend

LyondellBasell Industries - Polyvinyl Chloride

General Information

Product Description

Flexible PVC formulation for general purpose molding applications requiring good dry touch, excellent weathering and ease of processing.

General

Processing Method • Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	701	psi	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	145	lbf/in	ASTM D624
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	56		ASTM D2240

Processing Information

Injection	Nominal Value	Unit
Rear Temperature	345	°F
Middle Temperature	354	°F
Front Temperature	354	°F
Nozzle Temperature	351	°F
Processing (Melt) Temp	351	°F
Mold Temperature	81 to 100	°F

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type IV, 20 in/min

³ 2.0 in/min