

Technical Data Sheet

Polyvin PVC 4507-31 Blend



Polyvinyl Chloride, Unspecified

Product Description

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

Regulatory Status

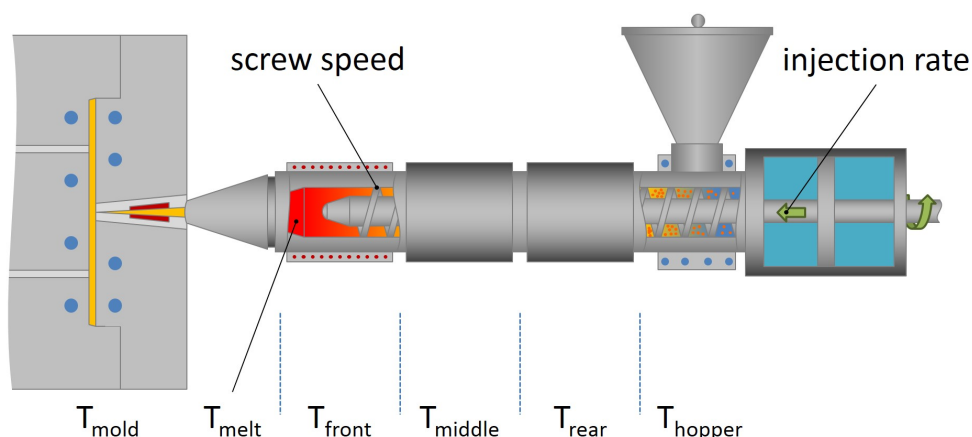
For regulatory compliance information, see *Polyvin PVC 4507-31 Blend* [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status Pending Approval

Availability North America

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.21	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (510 mm/min, Type IV)	4.83	MPa	ASTM D638
Tensile Elongation at Break, (510 mm/min, Type IV)	350	%	ASTM D638
Tear Strength, (51 mm/min)	25.4	kN/m	ASTM D624
Hardness			
Durometer Hardness, (Shore A)	56		ASTM D2240



Injection Parameters	Nominal Value	Units
Nozzle Temperature	177	°C
Processing (Melt) Temp	177	°C
Front Temperature	179	°C
Middle Temperature	179	°C

Rear Temperature	174 °C
Mold Temperature	27 to 38 °C

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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