

# Axial PVC 3533

Rigid Polyvinyl Chloride

Axial Corporation

## Message:

3533 is a rigid, twin-screw extrusion PVC powder substrate compound for interior applications. The product is designed for good impact and adhesion to capstock compounds.

General Information			
Features	Rigidity, high		
	Impact resistance, good		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43 - 1.47	g/cm <sup>3</sup>	ASTM D792
PVC Cell Classification	13333		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Durometer Hardness (Shore D, 10 sec)	78 - 84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2690	MPa	ASTM D638
Tensile Strength	42.1	MPa	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	66.0	°C	ASTM D648

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