

# Axiall PVC 3401

Rigid Polyvinyl Chloride

Axiall Corporation

## Message:

3401 is a twin screw powder blend and is designed for NSF pipe applications, including potable water.

General Information	
Features	Rigidity, high
Uses	Piping system
Agency Ratings	NSF 14 NSF 61

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43 - 1.47	g/cm <sup>3</sup>	ASTM D792
PVC Cell Classification	12454B		ASTM D1784

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	78 - 84		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2780	MPa	ASTM D638
Tensile Strength	49.0	MPa	ASTM D638
Flexural Modulus	2580	MPa	ASTM D790
Flexural Strength	77.9	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	37	J/m	ASTM D256
Tensile Impact Strength	170	kJ/m <sup>2</sup>	ASTM D1822

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

