

Axiall PVC 7465A

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

7465A is a rigid extrusion PVC compound for profile-extruded building products and interior applications, with some exterior application formulations. 7465A is designed for window and door applications and is formulated for applications requiring toughness, durability, UV resistance, chemical resistance, ease of processing, and is accompanied by UL and NSF STD 51 listings.

General Information	
Features	Rigidity, high
	Good UV resistance
	Workability, good
	Good chemical resistance
	Durability
	Good toughness
Uses	Building materials
	Doors and Windows
	Profile
Agency Ratings	NSF 51
Processing Method	Extrusion
	Profile extrusion molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity			ASTM D792
natural color	1.35 - 1.39	g/cm ³	ASTM D792
Pigmented	1.40 - 1.44	g/cm ³	ASTM D792
PVC Cell Classification	16354		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	77 - 83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2690	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus	2720	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	1300	J/m	ASTM D256
Tensile Impact Strength	168	kJ/m ²	ASTM D1822
Drop Impact Resistance			ASTM D4226
-- ¹	62.3	J/cm	ASTM D4226

-- ²	156	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
NOTE			
1.	Program A, C.125 Tup		
2.	Program A, H.25 Tup		

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