

Axial PVC 7255

Rigid Polyvinyl Chloride

Axial Corporation

Message:

7255 is a special-purpose rigid extrusion PVC compound for exterior applications. This compound is designed for applications requiring toughness, stability, durability, weathering properties, chemical resistance, and ease of processing.

General Information			
Features	Rigidity, high		
	Workability, good		
	Good chemical resistance		
	Good weather resistance		
	Durability		
	Good toughness		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43 - 1.47	g/cm³	ASTM D792
PVC Cell Classification	14244422		ASTM D4216
PVC Cell Classification	16354		ASTM D1784
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength (Yield)	45.5	MPa	ASTM D638
Flexural Modulus	2930	MPa	ASTM D790
Flexural Strength	81.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C, 3.18 mm	64	J/m	ASTM D256
23°C, 3.18 mm	850	J/m	ASTM D256
Drop Impact Resistance			ASTM D4226
23°C ¹	48.9	J/cm	ASTM D4226
23°C ²	151	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, not annealed	68.0	°C	ASTM D648
1.8 MPa, annealed	76.0	°C	ASTM D648
Melting Temperature	182 - 196	°C	
NOTE			
1.	Program A, C.125 Tup		

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