

Axiall PVC 8264

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 8264 is a rigid PVC pellet compound suited for applications where transparency is important. 8264 is widely used for clear films, sheets, and profile shapes in the packaging industry. Printable film and picture album pages are examples of its many uses. Electronic packaging and transistor magazine profiles are produced using 8264. It is also suitable for box lid applications.

General Information			
UL YellowCard	E53006-100272553		
Uses	Clear Sheet		
	Packaging		
	Films		
	Electrical/Electronic Applications		
	Profile		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
PVC Cell Classification	13353		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Durometer Hardness (Shore D)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2720	MPa	ASTM D638
Tensile Strength (Yield)	44.1	MPa	ASTM D638
Flexural Modulus	2650	MPa	ASTM D790
Flexural Strength	77.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.18 mm	520	J/m	ASTM D256
23°C, 6.35 mm	200	J/m	ASTM D256
Tensile Impact Strength	187	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	63.0	°C	ASTM D648
CLTE - Flow	7.2E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (1.24 mm)	V-0		UL 94

Optical	Nominal Value	Unit	Test Method
Transmittance (3180 μm)	75.0	%	ASTM D1003
Haze (3180 μm)	5.0	%	ASTM D1003
Additional Information			

Flammability, ASTM D635: SE

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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

