

Geon™ Vinyl Dry Blend E3360A

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon E3360A is a faster fusing version of the original Geon E3360 dryblend. Not recommended for horizontal applications such as railing and decking except in white.

General Information			
Features	High Impact Resistance		
Uses	Fencing & Decking		
	Outdoor Applications		
	Profiles		
Forms	Powder		
Processing Method	Extrusion		
	Profile Extrusion		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm ³	ASTM D792
PVC Cell Classification	1-41444-33-0101		ASTM D4216
PVC Cell Classification	16354		ASTM D1784

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2900	MPa	ASTM D638
Tensile Strength ² (Yield)	45.9	MPa	ASTM D638
Flexural Modulus	2960	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact - Across Flow (23°C, 3.18 mm, Compression Molded)	1000	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	48.9	J/cm	
23°C ⁴	222	J/cm	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	73.9	°C	ASTM D648
CLTE - Flow	6.0E-5	cm/cm/°C	ASTM D696

Extrusion	Nominal Value	Unit
Melt Temperature	193 to 204	°C

NOTE

1.	Type I, 5.1 mm/min
2.	Type I, 5.1 mm/min
3.	Procedure A, C.125 Dart
4.	Procedure B, C.125 Dart

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