

Geon™ Vinyl Dry Blend E1354

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Dry Blend E1354 is a Rigid Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Plumbing/Piping/Potable Water.

General Information			
Uses	Piping		
Agency Ratings	CSA Unspecified Rating		
	NSF 14		
	NSF 61		
	NSF Type I		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
PVC Cell Classification	12454		ASTM D1784
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2820	MPa	ASTM D638
Tensile Strength ² (Yield)	48.6	MPa	ASTM D638
Flexural Modulus	3230	MPa	ASTM D790
Flexural Strength	95.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	37	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	53.4	J/cm	
23°C ⁴	169	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	75.0	°C	ASTM D648
CLTE - Flow	5.8E-5	cm/cm/°C	ASTM D696
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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Recommended distributors for this material

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