

# Geon™ Vinyl Dry Blend E6755

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Dry Blend E6755 is a Rigid Polyvinyl Chloride product. It can be processed by extrusion or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Dry Blend E6755 include automotive, construction applications and sheet.

Characteristics include:

Heat Resistant

Impact Resistant

General Information			
UL YellowCard	E41877-476365		
Features	Good Thermal Stability		
	High Impact Resistance		
Uses	Automotive Interior Parts		
	Fencing & Decking		
	Profiles		
	Sheet		
Forms	Powder		
Processing Method	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D1638
PVC Cell Classification	16353		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	2760	MPa	ASTM D638
Tensile Strength <sup>2</sup> (Yield)	45.1	MPa	ASTM D638
Flexural Modulus	2810	MPa	ASTM D790
Flexural Strength	82.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	1100	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C <sup>3</sup>	55.2	J/cm	
23°C <sup>4</sup>	245	J/cm	
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	69.0	°C	ASTM D648
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Extrusion	Nominal Value	Unit	
Melt Temperature	193 to 210	°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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#### Recommended distributors for this material

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