

Geon™ Vinyl Flexible R295AE

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R295AE is a Flexible Polyvinyl Chloride product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Coating Applications. Primary characteristic: high gloss.

General Information			
Features	High Gloss		
Uses	Coating Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	82		
Shore A, 15 sec	75		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	15.3	MPa	
100% Strain	8.10	MPa	
Tensile Elongation ² (Break)	330	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-37.2	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	25	%	ASTM D2863
Automotive Burn Test	0	mm/min	FMVSS 302
Extrusion	Nominal Value	Unit	
Melt Temperature	166 to 177	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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