

Geon™ Vinyl Flexible A4DU6

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Interior applications.

General Information			
Features	General Purpose		
	Good UV Resistance		
Uses	General Purpose		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	96		
Shore A, 15 sec	89		
Shore D	49		
Shore D, 15 sec	35		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	19.4	MPa	
100% Strain	14.4	MPa	
Tensile Elongation ² (Break)	270	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	88.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.5	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	182 to 193	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 188	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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Recommended distributors for this material

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

