

Geon™ Vinyl Flexible A5DUB

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible A5DUB is a Flexible Polyvinyl Chloride product. It can be processed by extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

High Gloss

UV Stabilized

General Information			
Additive	Biocide		
	UV Stabilizer		
Features	High Gloss		
	UV Absorbing		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	54		
Shore D, 15 sec	42		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	20.7	MPa	
100% Strain	15.2	MPa	
Tensile Elongation ² (Break)	340	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	117	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-21.1	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	

Melt Temperature	179 to 185	°C
NOTE		
1.	510 mm/min	
2.	510 mm/min	
3.	Die C, 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

