

Geon™ HTX Ultra LA436G Black 2880

Polyvinyl Chloride Alloy

PolyOne Corporation

Message:

Geon HTX Ultra LA426 has a higher gloss product.

General Information			
Features	Highlight		
	Impact resistance, high		
	Workability, good		
Uses	Outdoor application		
	Tread rubber		
	Profile		
Forms	Cube		
	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
PVC Cell Classification	441311640000		ASTM D4216
PVC Cell Classification	14215		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1920	MPa	ASTM D638
Tensile Strength ² (Yield)	36.0	MPa	ASTM D638
Flexural Modulus	2040	MPa	ASTM D790
Flexural Strength	58.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	490	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	52.0	J/cm	ASTM D4226
23°C ⁴	111	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.18mm	88.3	°C	ASTM D648
0.45 MPa, annealed, 3.18mm	87.8	°C	ASTM D648

1.8 MPa, unannealed, 3.18mm	81.1	°C	ASTM D648
1.8 MPa, annealed, 3.18mm	85.0	°C	ASTM D648
CLTE - Flow	8.3E-5	cm/cm/°C	ASTM D696

Additional Information	Nominal Value
Ease of Sizing	Acceptable

推荐在华氏160度下将材料干燥至少2小时.

Extrusion	Nominal Value	Unit
Melt Temperature	174 - 193	°C

NOTE	
1.	Type 1, 5.1 mm/min
2.	Type 1, 5.1 mm/min
3.	Procedure A, C.125 Throwing
4.	Procedure B, C.125 Throwing

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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

