

Geon™ HTX Ultra LA426G Black 2880

Polyvinyl Chloride Alloy

PolyOne Corporation

Message:

Geon HTX Ultra LA426 has a higher gloss product.

General Information			
Features	Rigidity, high		
	Impact resistance, high		
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	431311640000		ASTM D4216
PVC Cell Classification	13225		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	1990	MPa	ASTM D638
Tensile Strength ² (Yield)	35.8	MPa	ASTM D638
Flexural Modulus	1990	MPa	ASTM D790
Flexural Strength	62.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	230	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	51.6	J/cm	ASTM D4226
23°C ⁴	93.4	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.18mm	87.8	°C	ASTM D648
0.45 MPa, annealed, 3.18mm	88.9	°C	ASTM D648
1.8 MPa, unannealed, 3.18mm	85.0	°C	ASTM D648

1.8 MPa, annealed, 3.18mm	86.1	°C	ASTM D648
CLTE - Flow	8.4E-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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