

Geon™ HTX Ultra LA426 Black 2880

Polyvinyl Chloride Alloy

PolyOne Corporation

Message:

Geon™ HTX Ultra LA426 Black 2880 is a polyvinyl chloride alloy (PVC alloy) product. It can be processed by extrusion and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™ The application areas of HTX Ultra LA426 Black 2880 include covering materials and outdoor applications.

Features include:

High stiffness

Impact resistance

General Information			
UL YellowCard	E41877-100465201		
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	1.22	g/cm ³	ASTM D792
PVC Cell Classification	441421540000		ASTM D4216
PVC Cell Classification	15225		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1980	MPa	ASTM D638
Tensile Strength ² (Yield)	37.7	MPa	ASTM D638
Flexural Modulus	2060	MPa	ASTM D790
Flexural Strength	66.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	610	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	65.4	J/cm	ASTM D4226
23°C ⁴	> 178	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.18mm	90.0	°C	ASTM D648
0.45 MPa, annealed, 3.18mm	91.1	°C	ASTM D648
1.8 MPa, unannealed, 3.18mm	83.9	°C	ASTM D648
1.8 MPa, annealed, 3.18mm	87.2	°C	ASTM D648
CLTE - Flow	8.6E-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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