

ArgoGraph® 46510 WHITE

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

Premium performance printable facestock

Characteristics:

Class A gloss finish

Highly conformable

Excellent abrasion resistance

Excellent low-temperature flexibility & cold crack resistance

UV resistant (3-5 year outdoor durability)

No additives - consistent, excellent adhesive compatibility/anchorage

Halogen free

General Information			
Features	Conformable		
	Good Abrasion Resistance		
	Good Crack Resistance		
	Good UV Resistance		
	Halogen Free		
	Low Temperature Flexibility		
	Medium Gloss		
Appearance	White		
Processing Method	Die Molding		
	Extrusion		
Physical	Nominal Value	Unit	
Surface Tension	> 35	mN/m	
UV Resistance			
-- ¹	No change at 2000 hours	SAE J1960	
A10 ²	No change at 3000 hours		
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 g, CS-17 Wheel)	< 3.50	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	48.3	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Optical	Nominal Value	Test Method	
Gloss ³ (60°)	> 80	ASTM D2457	
NOTE			
1.	Xenon arc		

	QUV using UVA bulb, 4 hours 50°C UV exposure, 4 hours 60°C condensation.
2.	
3.	OTM 3-309

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