

ArgoGraph® 46510 CLEAR

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

Premium performance graphic film overlaminate facestock

Characteristics:

Class A gloss finish

Highly conformable

Excellent abrasion resistance

Excellent low-temperature flexibility & cold crack resistance

UV resistant (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	Clear/Transparent		
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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