

ArgoGraph® 46510

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 (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		
Uses	Film		
	Laminates		
Processing Method	Die Molding		
	Extrusion		
Physical	Nominal Value	Unit	
Surface Tension	> 35	mN/m	
UV Resistance - A10 ¹	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	Unit	Test Method
Gloss ² (60°)	> 80		ASTM D2457
Haze	< 1.0	%	ASTM D1003
NOTE			

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

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