

# PhotoMark<sup>®</sup> elonomer<sup>™</sup> Datasheet

## Ionomer of Ethylene Acid Copolymer

### OVERVIEW

Photomark<sup>®</sup> elonomer is an ionomer of ethylene acid copolymer. This product has a strong bond to a multitude of substrates including PET. It has a proven track record as an encapsulant for CIGS technology for thin film PV applications and glass/glass modules. Available in thicknesses from 100µm to 450µm.



### TECHNICAL CHARACTERISTICS

No potential induced degradation (PID)	Minimal moisture ingress	Excellent microbial resistance
Isolation performance	Low moisture pickup	Good low temperature flexibility
Very durable	Excellent laminated transparency	Excellent cold impact
Reduced cycle time versus PVB or EVA	Excellent hydrolysis resistance	

### TESTING PERFORMANCE

TEST:	TEST SPECIFICATION(S):	RESULTS:
Composition	COA	Zinc Ionomer
Density	ASTM D792	0.95 g/cm <sup>3</sup>
Melting Point, DSC	ASTM D3418	93 °C
Freezing Point, DSC	ASTM D3418	64 °C
Vicat Softening Point	ASTM D1525	64 °C
Haze	ASTM D1003	2.5 %
Light Transmittance	ASTM D1746	93 %

\*Theoretical nominal

This product is covered by one or more U.S. patents and pending U.S. and other patent applications.  
Typical Data - Not Specification



Tomark-Worthen  
64 Watkin Ave  
Chadds Ford, PA 19317  
USA

Phone: 1-610-978-1889  
Email: info@tomark-worthen.com  
www.tomark-worthen.com

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