INSULECTRO

CLARITy™ POLYCARBONATES

HC-92S TECHNICAL DATA

Insulectro Clarity™ HC-92S Polycarbonates

Insulectro Clarity™ HC-92S graphic film is a printable high-performance coated film with high quality chemical/abrasion resistance and very good UV resistance.

HC-92S is a great choice for indoor and outdoor use where color stability is a priority. Uses include: outdoor labeling, warning signs, equipment and marine use. Suitable wherever Light or White Inks are used.





Insulectro Clarity®HC-92S Films

TEXTURE	Gloss/Gloss
THICKNESSES	5,7,10,15,20 mil
WIDTHS	36", 48"
TENSILE STRENGTH MPa	62

DURABILITY

	TEST METHODS	UNITS	VALUES
Constant Temperature & Humidity Test	60°C/95RH/168H	-	PASS
Longterm Heat Resistance	40°C/12H	-	PASS
High Heat Resistance	60°C/168H	-	PASS

PHYSICAL

	TEST METHODS	UNITS	VALUES
Specific Gravity	ASTM D792	g/cm³	1.2
Light Transmission	JIS-K7361	%	>90
Haze	JIS-K7136	%	<1
Steel Wool Abrasion	LH Test	50gf/cm²	PASS
Pencil Hardness 750g @ 0.8mm	JIS-K5600	%	HB

CHEMICAL RESISTANCE

	TEST METHODS	UNITS	VALUES
ACETONE	LH TEST	-	ALL PASS
METHANOL	LH TEST	-	ALL PASS
METYLENE	LH TEST	-	ALL PASS
COSMETICS	LH TEST	-	ALL PASS
KELOSENE	LH TEST	-	ALL PASS

Source Your Substrates, Films, & Inks

INSULECTRO
20362 Windrow Drive • Lake Forest, CA 92630 • 855.995.0200
www.insulectro-pe.com

11/20