



636.349.6401  
 sales@mgxdigital.com  
 www.mgxdigital.com

**MGX-5412**  
 30" X 42"

**20 mil Dead Opaque Styrene UV**

**DESCRIPTION:**

MGX's Styrene, also known as Polystyrene or PS, boasts several advantages that make it a versatile material. It offers excellent impact resistance, is easily machinable, cost-effective, and FDA compliant for indirect food contact and is recyclable. Its bright white appearance, multiple opacities, and formability make it suitable for various applications.

**APPLICATIONS:**

Point-of-Purchase Signage • Backlit Displays • Push/Pull Graphics • Gift, Loyalty, Library and Fundraising Cards

Physical Properties	CAS Number	Actual Value	EINECS	SYM	R-Phrases
Modified Polystyrene	Mixture	>99.9% weight	NA	NA	NA
Styrene	100-42-5	<0.1% weight	202-851-5	Xn	R20, R36/38, R10
<b>Occupational Exposure Limits</b>					
Component	Limit	TWA	STEL/Peak	Ceiling	Notation
Modified Polystyrene	CPCHEM	Not Established	NA	NA	NA
Recycle Code					
<b>Physical / Chemical</b>					
Appearance	Opaque				
Odor	Odorless Pellets				
pH	NA				
Vapor Pressure	NA				
Vapor Density (AIR=1)	NA				
Boiling Point	NA				
Solubility (in water)	Soluble in hydrocarbon solvents; insoluble in water				
Percent Volatile	<0.1				
Melting Point	77°C (170.6°F) - 110°C (230°F)				
Specific Gravity	1.03				
Evaporation Rate	0				

Product Performance and Suitability Disclaimer: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. MGX shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.