



# Technical Data Sheet

## AGB Material

<b>Company</b>	<b>Photodon, LLC</b>	Michigan	USA	Phone 847-377-1185	Email Sales@photodon.com
<b>Product Name</b>	AGB	<b>Product Type</b>	3H, Blue-light Cut, 85% Anti-Glare		Date June 2022
<b>Test Condition</b>					
Temperature C° 22 ± 2			Humidity 28%		
<b>Test Items</b>		<b>Unit</b>	<b>Spec</b>	<b>Result</b>	<b>Test Method</b>
<b>Material</b>	Top Liner	µm		60	Micrometer
	AG Resin - Hard Coating-Blue Light reduction	µm		205	Micrometer
	Silicone Resgin	um		20	Micrometer
	Release Liner	µm		50	Micrometer
	Total Thickness	µm		335	Micrometer
<b>Optical Properties</b>	Total Luminous Transmittance	%	85	85	ASTM D1003
	Blue Light Cut	nm	380-410	100	Spectrometer
	Blue Light Cut	nm	420-425	60	Spectrometer
	Fog Degree Haze	%	20	21	ASTM D1003
	Rainbow Moire	n/a		None	Eye Test
<b>Mechanical Properties</b>	Pencil Hardness	H	≥3H	≥3H	ASTM D 3363-74
	Degumming Test		None	None	Eye Test
	Adhesion Test	g/25mm	5	5	FINAT-1 180°
	Cross Cut Test		100/100	100/100	ASTM D 3359
<b>Chemical Resistance</b>	<b>Resistant to:</b>				
	Alcohols	Hydrocarbons			
	Dilute acids	Ketones			
	Dilute alkalis	Household Cleaning Agents			
	Esters				

The technical data sheets are not guaranteed values, but rather measurement values given as an example. Photodon does not guarantee that the film can be used for any example applications provided.