

<b>Photodon LLC</b>					
Michigan	USA	Ph: 847-377-1185	Email: sales@photodon.com		
<b>Product Name:</b>	<b>AGB</b>	<b>Finished Material Type:</b>	85% glare reduction, blocks up to 93% of blue light, matte finish	Date 9-15-2022	
<b>Film Roll Size: 1040mm (nominally)</b>					
<b>Tested Items</b>		<b>Thickness (µm)</b>	<b>Thickness (in)</b>	<b>Test Method</b>	<b>Notes</b>
<b>Material</b>	Top Liner	60	0.0023	Micrometer	
	Optical PET Film	230	0.0090	Micrometer	
	Silicone Backing	-	-	-	
	Release Liner	50	0.0019	Micrometer	
	Total Thickness	340 ± 4%	0.0133	Micrometer	
	Thickness without liners	230	0.0090	Micrometer	
<b>Tested Items</b>		<b>Unit</b>	<b>Spec</b>	<b>Result</b>	<b>Test Method</b>
<b>Optical Properties</b>	Total Light Transmittance	%	85	85	ASTM B1003
	Blue Light Cut	nm	380-410	100%	Spectrometer
	Blue Light Cut	nm	420-450	60%	Spectrometer
	Haze	%	20	21	ASTM D 1003
	Rainbow Moire	-	No Visible	Pass	-
<b>Mechanical Properties</b>	Pencil Hardness	H	≥ 3	≥ 3	ASTM D3363-74
	Adhesion Stability	-	100/100	Pass	ASTM D3359 Cross Cut Adhesion Test
	Adhesion Force g/50mm	g	6	6	FINAT-1 180°
	Degumming Test	-	None	Pass	3MP SOP-T0012
<b>Chemical Resistance</b>	<b>Resistant to:</b>				
	Alcohols	Esters	No Problem		DIN 42 115
	Dilute acids	Hydrocarbons			
	Dilute alkalis	Ketones			