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MAKROLON HYGARD® LAMINATED SHEET

PRODUCT DESCRIPTION: MAKROLON HYGARD® laminated sheet products are manufactured for security glazing and specialty vehicle applications.

GAUGES: .375" - 1.25"

GAUGE TOLERANCE: +/- 5% - refer to individual product specification sheet for target thickness.

TOLERANCE:
 Width: + ¼", - 0
 Length: + ¼", - 0
 Standard Size Overage: +3/8" to +5/8"

SQUARE: ¼" maximum

WARPAGE: maximum 1/8" per linear foot, up to ½" for a full size sheet

INTERNAL DEFECTS: Allowable quantity per square foot in laminate:

<u>BUBBLES AND CARBON PARTICLES:</u>	<u>Defect Size (Dia.)</u>	<u>Limit No.</u>
	>.065"	0
	.032" - .065"	3
	.020" - .031"	8
	.001" - .019"	18

<u>FIBERS/HAIRS:</u>	<u>Length</u>	<u>Limit No.</u>
	>0.500"	0
	0.250" - 0.500"	1
	0.040" - 0.249"	4
	<0.040"	not counted

LINT: No more than a slight amount visible from a distance of 3 to 4 feet without backlighting.

COATING CRACKS: None allowed beyond 1" perimeter that are readily visible from a distance of 3 to 4 feet without backlighting.

<u>SCRATCHES:</u>	<u>Length</u>	<u>Width</u>		
		<u><0.015"</u>	<u>0.015" - 0.030"</u>	<u>>0.030"</u>
	1.50" - 3.00"	1	0	0
	0.50" - 1.49"	4	1	0
	0.30" - 0.49"	8	4	0
	0.04" - 0.29"	16	8	0
	<0.04"	not counted	not counted	not counted

DELAMINATION: None allowed within the viewing field of the laminate.