

AMILON™ 254



AMILON™ 254 was developed for use in optical applications where good reflectance is key even in the UV light spectrum (wavelengths between 250 and 400nm). It's chemically inert and can be used in temperatures ranging from -400°F (-240°C) to 500°F (260°C).

Material is available in molded rods and cylinders as well as skived or molded sheets.

FEATURES

- Color: natural/white
- Molded Rods/Cylinder Sizes: 1" to 62"
- Molded Sheet thickness: 0.063" to 8"

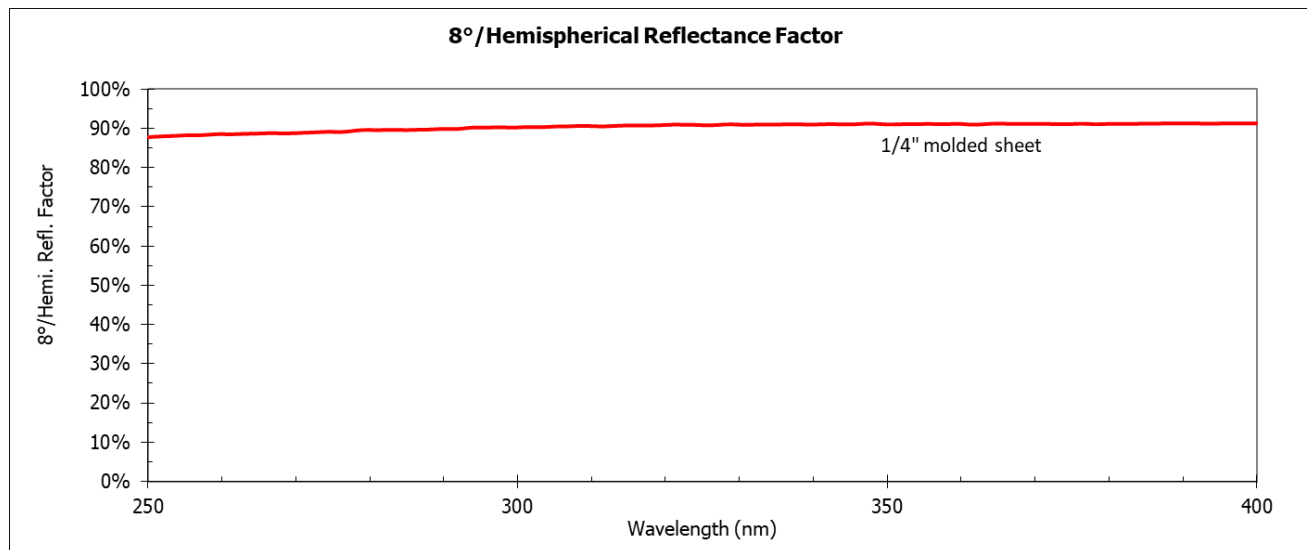
APPLICATIONS

- Reflective panels
- Disinfection and germicidal devices and systems

- Molded Sheet Dimensions: 24"x24", 36"x36", 48"x48"
- Skived Sheet Thickness: 0.010" to 0.375"
- Skived Sheet dimensions: widths up to 60"

TYPICAL PROPERTIES

AMILON™ 254 MATERIAL PROPERTIES								
Color	Specific Gravity	Reflectance	Hardness (initial)	Hardness (15 second)	Tensile Strength	Elongation	Thermal Conductivity	Water Absorption
---	ASTM D4745	---	ASTM D2240	ASTM D2240	ASTM D4745	ASTM D4745	ASTM E1530	ASTM D570
---	g/cc	%	Shore D	Shore D	psi	%	W / m K	%
White	2.17	90%	62	59	5250	310	0.26	0



WARNING: Properties shown on this document are typical. Reflectance varies with thickness. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations, consult Technetics PTFE & Polymer Solutions. While the utmost care has been used in compiling this document, we assume no responsibility for errors. This edition cancels all previous issues. Subject to change without notice.