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(54) Title: ACRYLIC FOILS WITH IMPROVED UV-PROTECTION PROPERTIES

(57) Abstract: The present invention relates to a transparent weathering resistant foil for protection of various substrates against solar radiation. In one embodiment of the invention the foil comprises at least two layers A and B, wherein the spectral transmittance of the layer A at any wavelength λ_A is not more than 10%; wherein $270 \text{ nm} \leq \lambda_A \leq 360 \text{ nm}$; and the spectral transmittance of the layer B at any wavelength λ_B is not more than 10%; wherein $270 \text{ nm} \leq \lambda_B \leq 370 \text{ nm}$. In a further embodiment of the invention the foil comprises at least two layers A and B, wherein the spectral transmittance of the layer A at any wavelength λ_A is not more than 20%; wherein $270 \text{ nm} \leq \lambda_A \leq 310 \text{ nm}$; and the spectral transmittance of the layer B at any wavelength λ_B is not more than 10%; wherein $270 \text{ nm} \leq \lambda_B \leq 370 \text{ nm}$.



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