

NUDEC® PETg Opal UV

NUDEC®PETg Opal 529UV is an opal white sheet adapted for outdoor and indoor use, especially designed for backlighting applications. It has been created to meet current requirements of advertising sign industry and it is also suitable for many other lighting applications. This product offers a lot of possibilities for users enabling them to produce simple and complex shapes because of its ease of mould (no need of pre-drying, unlike other materials). This product offers an intense and bright opal white colour when combined with LEDs, minimizing LED hot spots thanks to its excellent light diffusion.

Applications

- P.L.V.
- Lighted signs
- Backlit panels
- Furniture and decor
- Lamp lids and skylights
- Tradeshow booths

Properties

The properties are the usual ones of NUDEC®PETg sheets, in addition to the following specific features:

- Optimum light diffusion
- Intense brightness and whiteness
- Ease in moulding (without pre-drying)
- Good fire resistance
- Excellent chemical resistance
- High impact resistance

CHARACTERISTICS OF NUDEC®PETg 529 Opal UV

OPTICAL	TEST	UNIT	VALUE
Light transmission	ASTM D-1003	%	38*

REACTION TO FIRE	TEST	UNIT	VALUE
Fire classification	EN 13501-1	-	B S2 d0

* In 3 mm thickness

For further technical details,
please see NUDEC®PETg technical data sheet.

Delivery program

- Color: Ref. 529 Opal UV
- Size: 3.050 x 2.050 mm
- Thickness: 2, 3 and 4 mm

