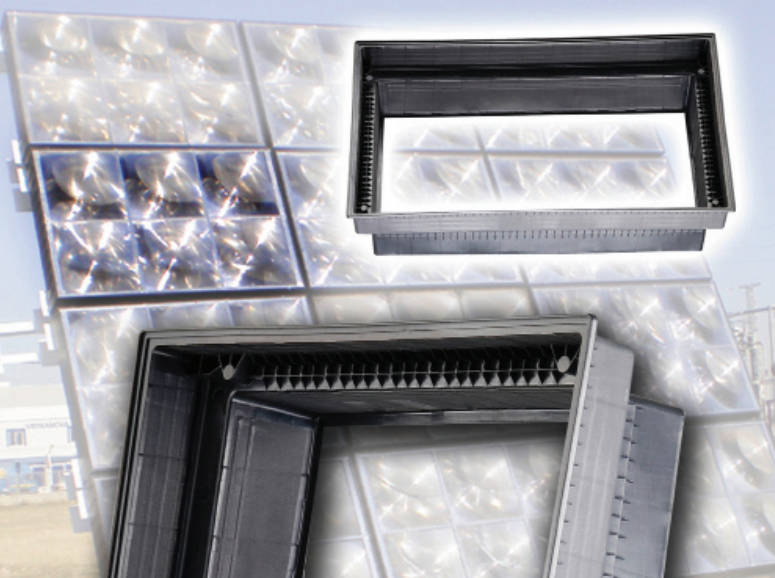


# DuPont Junction Box Materials

DUPONT™ RYNITE®

## Rynite® PET Thermoplastic Polyester Resins for the PV Industry



### Photovoltaic Application

DuPont offers a wide range of high performance resins for the manufacture of junction boxes and structural components. DuPont™ Rynite® FR530 is a black, flame retardant, 30% glass reinforced polyester resin.

With a heat deflection temperature of 226°C, Rynite® provides excellent thermal resistance and has a UL746 RTI of 155°C. Rynite® FR530 is recognized by Underwriter's Laboratory, as UL 94V0 at 0,35 mm and 5V, and has an IEC glow wire rate of 960°C. It complies with UL1446 for UV and water exposure, and is suitable for outdoor applications.

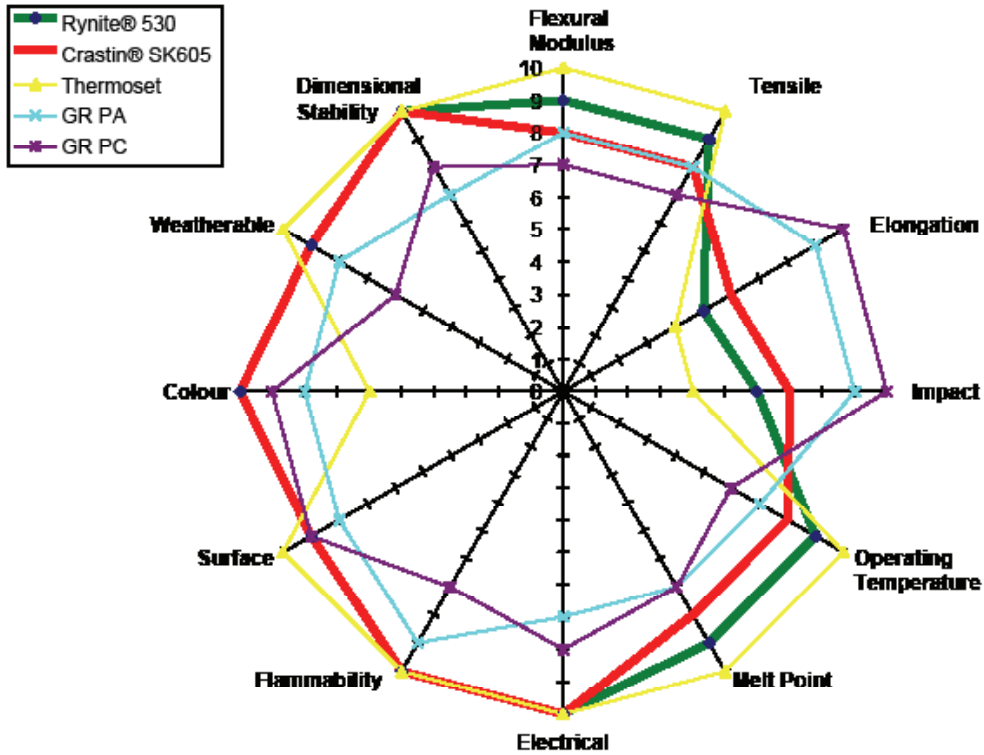
### Structural Frames

In structural components, Rynite® is an excellent candidate to replace metals, helping to reduce weight and eliminating potential corrosion problems of parts exposed outdoors. Rynite® PET polyesters combine excellent heat-aging performance and dimensional stability with high strength and stiffness. It provides design flexibility for ease of assembly and improved installation cost.



energy for a  
thriving world™

# Reinforced polymer positioning



For more information about Rynite® or other DuPont Photovoltaic Solutions:

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International: 1-302-996-7918

Fax: 1-302-355-4056

[photovoltaics.dupont.com](http://photovoltaics.dupont.com)

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Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Medical Caution Statement, H-51459 or H-50102-2.



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