

## Recycled Polystyrene PANEL 2110

The PANEL series of polystyrene compounds, made from HIPS, GPPS, EPS, and polymer additives, are ideal for manufacturing building panels, base profiles, cornices, and decorative trims. These compounds offer high flexural and impact strength, water and chemical resistance, thermal stability, very low moisture absorption, and strong snap-fit performance, especially at corners. The optimized formulation ensures high porosity, uniform quality, and consistent color, which are particularly important for wide panels and construction profiles.

### Technical Properties

Property	Standard	Condition	Result	Unit
<b>MFI</b>	ASTM D1238	5.00 kg / 200 °C	<b>10</b>	g/10 min
<b>Filler Content</b>	ISO3451/1	600°C/30 min	<b>&lt; 18</b>	%
<b>Density</b>	ISO 1183	23°C. 50% RH	<b>1.1</b>	gr/cm <sup>3</sup>
<b>Tensile strength @Yield</b>	ISO 527	Speed 5mm/min GRIP 115 mm	<b>21</b>	Mpa
<b>Elongatin @ Yield</b>	ISO 527	Speed 5mm/min GRIP 115 mm	<b>4</b>	%
<b>Tensile strength @ Break</b>	ISO 527	Speed 5mm/min GRIP 115 mm	<b>21</b>	Mpa
<b>Elongatin @ Break</b>	ISO 527	Speed 5mm/min GRIP 115 mm	<b>4</b>	%
<b>Flexural Modulus</b>	ASTM D790	Speed: 1.3mm/min Deflection: 0.5mm	<b>2300</b>	Mpa
<b>Flexural strength</b>	ASTM D790	Speed: 1.3mm/min Deflection: 5.0mm	<b>36</b>	Mpa
<b>DSC</b>	ISO 11357/6	10 °C/min N2 50ml/min	<b>Click</b>	°c

- The uncertainty of the test result is based on confidence range of %95 and K=2 which is calculated and Announced due to the customers' demands.

### Commercial Properties

Property	Value	Property	Value
<b>HS Code</b>	390390	<b>Delivery Terms</b>	CFR, CPT, FCA, FOB
<b>MOQ</b>	1000	<b>Packaging</b>	25 kg Bag – 1000 kg Jumbo Bag
<b>ETD</b>	Negotiable	<b>Payment Terms</b>	Negotiable
<b>MSDS</b>	Yes	<b>Marks &amp; Nos</b>	Negotiable
<b>Product Process</b>	Extrusion	<b>Color</b>	Gray

## Shipping and Storage Conditions

Away from moisture, sunlight, sharp objects, fire and flame.

### Needs:

[LOI \(Letter of Intent\)](#)

### Other Documents:

You may also need the following documents. Click to download them:

1. [FCO \(Full Corporate Offer\)](#)
2. [PI \(Proforma Invoice\)](#)
3. [CI \(Commercial Invoice\)](#)
4. [PL \(Packing List\)](#)
5. [MSDS \(Material Safety Data Sheet\)](#)

### Quick Access:

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- [Sug](#) **Technical Consulting**

Technical and engineering consulting to find the right product for the costumer

### Business Consulting

Business consulting in the field of shipping, customs and logistics

**CONTACT NOW**

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## Contact Information



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