

## Recycled Polystyrene KORIO 3105

KORIO PS compound is a blend of GPPS, EPS, HIPS, and polymer additives, specifically designed for base and sub-frame profiles in construction and photo frames. Its lightweight structure and porous design make it ideal where weight reduction is crucial. Key features include water resistance, thermal stability, high compressive and impact strength. The KORIO 3105 model offers adjustable porosity, bright uniform color, and consistent quality for producing clear-coated decorative profiles.

### Technical Properties

Property	Standard	Condition	Result	Unit
<b>MFI</b>	ASTM D1238	5.00 kg / 200 °C	<b>11</b>	g/10 min
<b>Filler Content</b>	ISO 3451/1	600°C/30 min	<b>&lt; 13</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>22</b>	Mpa
<b>Elongatin @ Yield</b>	ISO 527	Speed 5mm/min GRIP 115 mm	<b>3</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>2800</b>	Mpa
<b>Flexural strength</b>	ASTM D790	Speed: 1.3mm/min Deflection: 5.0mm	<b>49</b>	Mpa
<b>DSC</b>	ISO 11357/6	10 °C/min N2 50ml/min	<a href="#">Click</a>	°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>Colors</b>	Light 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:

- [Visit Our Website](#)
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- [Other Datasheets](#)
- [Loading Capacity Table](#)
- [Suggested Guidelines](#)

#### Technical Consulting

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

[CONTACT NOW](#)

#### Business Consulting

Business consulting in the field of shipping, customs and logistics

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## Contact Information



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