

## Virgin Polystyrene SUB 1152

The PS SUB 1152 compound series is made from 100% virgin materials with excellent properties, ensuring color stability and an attractive final appearance. It is ideal for coating building profiles and photo frames, offering high resistance, smooth surface, thermal and sound insulation, and superior visual quality.

### Technical Properties

| Property                        | Standard    | Condition                          | Result                | Unit               |
|---------------------------------|-------------|------------------------------------|-----------------------|--------------------|
| <b>MFI</b>                      | ASTM D1238  | 5 kg / 200 °C                      | <b>16</b>             | g/10 min           |
| <b>Filler Content</b>           | ISO3451/1   | 600°C/30 min                       | <b>&lt; 15</b>        | %                  |
| <b>Density</b>                  | ISO 1183    | 23°C                               | <b>1.2</b>            | gr/cm <sup>3</sup> |
| <b>Izod Impact</b>              | ISO 180     | 2.71J/notched/23°C                 | <b>5</b>              | Kj/m <sup>2</sup>  |
| <b>Tensile strength @Yield</b>  | ISO 527     | Speed 50 mm/min                    | <b>18</b>             | Mpa                |
| <b>Elongatin @ Yield</b>        | ISO 527     | Speed 50 mm/min                    | <b>3</b>              | %                  |
| <b>Tensile strength @ Break</b> | ISO 527     | Speed 50 mm/min                    | <b>17</b>             | Mpa                |
| <b>Elongatin @ Break</b>        | ISO 527     | Speed 50 mm/min                    | <b>4</b>              | %                  |
| <b>Flexural Modulus</b>         | ASTM D790   | Speed: 1.3mm/min Deflection: 0.5mm | <b>3300</b>           | Mpa                |
| <b>Flexural strength</b>        | ASTM D790   | Speed: 1.3mm/min Deflection: 5.0mm | <b>42</b>             | Mpa                |
| <b>VICAT</b>                    | ASTM D1525  | 10N                                | <b>-</b>              | °c                 |
| <b>HDT</b>                      | ASTM D648   | 0.45 MPa                           | <b>-</b>              | °c                 |
| <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>Color</b>           | White                         |

## 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](#)
- [Explore Wide Our Range of Recycled Plastic Granules](#)
- [Other Datasheets](#)
- [Loading Capacity Table](#)
- [Suggested Guidelines](#)

#### Technical Consulting

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

**CONTACT NOW**

#### Business Consulting

Business consulting in the field of shipping, customs and logistics

**CONTACT NOW**

## Contact Information



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