

Recycled Polystyrene SUB 1305

PS SUB series polystyrene compounds are designed for coating building and photo frame profiles, offering high impact and moisture resistance, heat and sound insulation, and excellent surface smoothness. They provide good gloss, colorability, compressive strength, and hot stamping performance. With suitable MFI and melting temperature, they ensure uniform material distribution, clean cutting, and consistent appearance across various profile sizes.

Technical Properties

| Property | Standard | Condition | Result | Unit |
|---------------------------------|-------------|------------------------------------|----------------|--------------------|
| MFI | ASTM D1238 | 5.00 kg / 200 °C | 16 | g/10 min |
| Filler Content | ISO3451/1 | 600°C/30 min | < 20 | % |
| Density | ISO 1183 | 23°C. 50% RH | 1.2 | gr/cm ³ |
| Tensile strength @Yield | ISO 527 | Speed 5mm/min GRIP 115 mm | 18 | Mpa |
| Elongatin @ Yield | ISO 527 | Speed 5mm/min GRIP 115 mm | 3 | % |
| Tensile strength @ Break | ISO 527 | Speed 5mm/min GRIP 115 mm | 17 | Mpa |
| Elongatin @ Break | ISO 527 | Speed 5mm/min GRIP 115 mm | 4 | % |
| Flexural Modulus | ASTM D790 | Speed: 1.3mm/min Deflection: 0.5mm | 3300 | Mpa |
| Flexural strength | ASTM D790 | Speed: 1.3mm/min Deflection: 5.0mm | 41 | Mpa |
| DSC | ISO 11357/6 | 10 °C/min N2 50ml/min | Click | °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 |
|------------------------|------------|------------------------|-------------------------------|
| HS Code | 390390 | Delivery Terms | CFR, CPT, FCA, FOB |
| MOQ | 1000 | Packaging | 25 kg Bag – 1000 kg Jumbo Bag |
| ETD | Negotiable | Payment Terms | Negotiable |
| MSDS | Yes | Marks & Nos | Negotiable |
| Product Process | Extrusion | Color | 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 \(Material Safety Data Sheet\)](#)

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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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