

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
MFI	ASTM D1238	5 kg / 200 °C	16	g/10 min
Filler Content	ISO3451/1	600°C/30 min	< 15	%
Density	ISO 1183	23°C	1.2	gr/cm ³
Izod Impact	ISO 180	2.71J/notched/23°C	5	Kj/m ²
Tensile strength @Yield	ISO 527	Speed 50 mm/min	18	Mpa
Elongatin @ Yield	ISO 527	Speed 50 mm/min	3	%
Tensile strength @ Break	ISO 527	Speed 50 mm/min	17	Mpa
Elongatin @ Break	ISO 527	Speed 50 mm/min	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	42	Mpa
VICAT	ASTM D 1525	10N	-	°c
HDT	ASTM D648	0.45 MPa	-	°c
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	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 \(Material Safety Data Sheet\)](#)

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Technical Consulting

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

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Business Consulting

Business consulting in the field of shipping, customs and logistics

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