

## **INSULATIVE PS**

**24-219-xxxx**

When no ESD properties are required  
Trays with this material cannot be in contact with any  
electronic components and cannot enter an EPA



### **Raw material**

ESD properties:

none

Polymer:

insulative polystyrene

Heavy metals:

< 100 ppm (in conformity with 94/62/CE)

### **Product specifications**

Density:

1.06

Vicat softening point (1.0 kg):

90°C (ASTM D-1525 rate A)

Maximum temperature of use :

60°C

Minimum temperature of use:

- 40°C

Elasticity:

1600 Mpa (ASTM D-790)

Impact resistance:

10 kJ/m<sup>2</sup> (ASTM D-256)

Tensile strength at break:

21 Mpa (ASTM D-638)

Colour:

Black

Thickness:

from 0.4 to 6.5 mm

Average shrinking at thermoforming:

0.60 %

Maximum width:

1050 mm

Presentation:

roll or sheet

Surface appearance:

smooth on 2 sides or pinseal on 1 side

Rolls core diameter:

76 mm

Maximum diameter of the roll:

800 mm

Length tolerance:

± 5 mm

Width tolerance:

± 5 mm for sheet

± 1 mm for roll

Angle (between the 2 diagonals):

< 4 mm

Thickness from 4/10 to 10/10 mm:

± 0.5/10

Thickness from 11/10 to 20/10 mm:

± 0.7/10

Thickness from 21/10 to 40/10 mm:

± 1/10

Thickness from 41/10 to 65/10 mm:

± 1.5/10