

Przedsiębiorstwo Produkcyjne  
Dariusz Bogdan Niewiński  
19-300 Ełk ul. Strefowa

## DECLARATION

For the following equipment:

### MOULDINGS IN POLYMER HD

#### CEZAR

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POLAND

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#### CHARACTERISTICS:

**Density:** ca. 450 kg/m<sup>3</sup>

**Composition :** Polystyrene : 95%

*This product is free of CFC.*

*This product is free of asbestos.*

*This product is free of cyanides.*

**Hardness:** ca. 55 - 60 Shore D

**Thickness:** This is variable: 7 mm to 32 mm

**Toxicity:** The product itself has low oral toxicity as has been demonstrated in animal feeding test. The majority opinion appears to be that the inhalation toxicity (of foam dust) is also low, it is an inert dust.

LD 50 orale > 2000 mg/kg

LD 50 dermale > 2000 mg/kg

**Fire fighting measures:** Vapour mixes with carbon oxides

**Flame retardant:** The standard material is not flame retardant.

## Technical Data Sheet

### PLYMER HD

#### 1. TECHNICAL DATA

##### 1.1 Material:

Foamed polystyrene.

##### 1.2 Density:

450 kg/m<sup>3</sup>

##### 1.3 Hardness:

Above 40 shore D

##### 1.4 Ozon depletion factor:

0 (cfc free, waterblown)

##### 1.5 Melting temperature:

170-190°C

##### 1.6 Coefficient of linear thermal expansion:

40-60 . 10<sup>-6</sup>m/k m

##### 1.7 Surface

This surface will accept any qualitative paint.

#### 2. CHARACTERISTICS

##### 2.1 Chemical properties:

Does not deteriorate and resistant to most common sol- vents and moisture.

##### 2.2 Physical properties:

Shock and splitting resistant.

##### 2.3 Influence of time:

Dimensionally stable: will not alter by time.

##### 2.4 Influence by humidity:

Has no influence on the mechanical properties.

##### 2.5 Influence of sound:

Polystyren is accoustically neutral.

##### 2.6 Influence of light and sun:

UV-resistant.

##### 2.7 Toxic:

The product itself has low oral toxicity as has been demonstrated in animal feeding tests. The majority opinion appears to be that the inhalation toxicity (of foam dust) is also low but some authors consider that the foam dust should not be regarded merely as an inert 'nuisance dust'.