

## **TECHNICAL DATA SHEET**

**Product: Aropol 424**

### **DESCRIPTION**

Aropol 424 is a formulated polyol aimed for the production of rigid PU foam with the thickness of about 50mm. The use is recommended at a surface temperature of 45/ 50°C.

### **TYPICAL PROPERTIES**

Aspect : yellowish clear liquid  
Specific gravity at 25°C : 1.095  
Viscosity at 25°C, mPa·s : 800 - 900

### **PROCESS CONDITIONS AND PERFORMANCES**

Aropol 424 : pbw 100  
Arodur 460.9 : pbw 125

#### **BENCH REACTION TIMES**

Components temperature, °C : 24.5 – 25.5  
Cream time, s : 11 – 13  
Gel time, s : 135 - 145  
Tack free time, s : 410 - 430  
Free rise density, kg / m<sup>3</sup> : 28 – 32

#### **MOULDED FOAM CHARACTERISTICS**

Piece density, kg / m<sup>3</sup> : 43 – 47  
λ-coefficient at 10°C, mW/mK : 23 – 25  
Stability at -30°C – 7 days, %vol : -1.2  
Stability at 70°C – 7 days, %vol : -3.3  
Compression resistance, k/Pa : ≥ 250

#### **UNI 8068 – SELF EXTINGUISHING TEST**

Mass loss, % : - 5.1  
Flame extinction time, s : 22  
Burn length, mm : 28  
Extinction time, s : 22  
Flame propagation speed, mm/s : 0.73

### **STORING AND HANDLING**

The product shall be stored into well closed containers, protected from atmospheric moisture, preferably at a temperature between 15° and 25°C.  
During the handling gloves and protection goggles shall be used.  
Shelf life: 6 months in well closed containers.

### **HEALTH AND SAFETY PRECAUTIONS**

For more detailed information, please refer to the Safety Data Sheet of the product.

### **SUPPLY**

**Aropol 424** is supplied in metal drums of 210 kg each and 1 ton IBC bulks.

All above information is given in accordance with our experience. It is provided for guidance purposes only and we do not assume any liability for the results obtained therefrom as neither for its utilization.