

# 377E

## Expandable Polystyrene (EPS)

### Self-Extinguishing Grade

#### Description:

377E is a Self-Extinguishing (SE) Expandable Polystyrene (EPS) grade, contains a flame retardant **which conforms to DIN4102-B1** and containing Pentane as blowing agent. This grade is developed to meet the demand for fast expansion rate and short pressure release times in block molding.

It is particularly well suited for the manufacture of self-extinguishing EPS insulation boards, block molded machines. This grade is also widely used for the production of packaging products (not food packaging), where SE properties will be advantageous.

Physical Properties:	Unit	Value
Bead Size Diameter	mm.	0.63 – 1.12 $\geq$ 99.0%
Molding Density Range	g/l	18 - 30
Moisture Range	Wt.%	$\leq$ 0.80
Blowing Agent (Pentane)	Wt.%	$\geq$ 6.0
K-Value	-	53.5 – 55.5
DIN 4102 – B1 Approved (by SGS - Xiamen Ltd.)		

#### Processing Technique

**\*Silo time is 8 – 16 Hrs. under ambient temperature between 25 – 40 °C, relative humidity > 50 %**

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.