



## POLIMAXX 277E

IRPC Public Company Limited - *Expanded Polystyrene*

### General Information

#### Product Description

277E 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 moldings.

It is particularly well suited for the manufacture of self-extinguishing EPS insulation boards, block moulded or produced in continuous molding machines.

#### General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Additive	• Blowing Agent	• Flame Retardant	
Features	• Expandable	• Flame Retardant	• Self Extinguishing
Uses	• Insulation		
Agency Ratings	• DIN 4102/B1		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit
K-Value	53.5 to 55.5	
Bead Diameter	39.4 to 63.0	mil
Moisture Content	< 0.80	wt%
Molded Density	1.00 to 1.56	lb/ft <sup>3</sup>
Additional Information	Nominal Value	Unit
Blowing Agent - Pentane	> 6.0	wt%

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

