



POLIMAXX 377E

IRPC Public Company Limited - *Expanded Polystyrene*

General Information

Product 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.

General

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

Properties ¹

Physical	Nominal	Value	Unit
K-Value		53.5 to 55.5	
Bead Diameter		24.8 to 44.1	mil
Moisture Content		< 0.80	wt%
Molded Density		1.12 to 1.87	lb/ft ³
Additional Information	Nominal	Value	Unit
Blowing Agent - Pentane		> 6.0	wt%

Notes

¹ Typical properties: these are not to be construed as specifications.

