



# TECHNICAL DATASHEET

## EPS 550FF

### EXPANDABLE POLYSTYRENE FIRE RETARDANT

#### DESCRIPTION

Fire retardant expanded Polystyrene SABIC® EPS550FF is manufactured by the suspension polymerization of styrene monomer. The polymerization is generally carried out in a batch process and it contains a fire retarding additive in the formulation. SABIC® EPS550FF is an expandable polystyrene grade supplied in free-flowing beads containing pentane (CFC free) as a foaming agent.

#### TYPICAL APPLICATIONS

SABIC® EPS550FF grade is used for shape molding with wall thickness greater than 10 mm and for block molding with medium-to-high density for thermal insulation in construction industry. SABIC® EPS550FF has retarded ignitability and the moldings made from it will conform to the requirement of DIN 53438 class K1 and K2.

#### TYPICAL PROPERTY VALUES

Revision  
20210812

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
TYPICAL DATA			
Bead Distribution	0.6 - 1.1	mm	SABIC 020
Minimum Density <sup>(1)</sup>	16	kg/m <sup>3</sup>	SABIC 027
Normal Density Range	16 - 30	kg/m <sup>3</sup>	SABIC 027