



# TECHNICAL DATASHEET

## EPS 650FF

### EXPANDABLE POLYSTYRENE FIRE RETARDANT

#### DESCRIPTION

Fire retardant expanded Polystyrene SABIC® EPS650FF is manufactured by the suspension polymerization of styrene monomer. The polymerization is generally carried out in a batch process. SABIC® EPS650FF is supplied in free flowing beads, containing pentane (CFC free) as a foaming agent. It is used for fast cycle low density block molding applications with good surface finish.

#### TYPICAL APPLICATIONS

SABIC® EPS650FF grade is used for articles with large shape molding block molding with medium density for thermal insulation in construction industry. It 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	0.9 - 1.4	mm	SABIC 020
Minimum Density <sup>(1)</sup>	15	kg/m <sup>3</sup>	SABIC 027
Normal Density Range	15 - 25	kg/m <sup>3</sup>	SABIC 027