



SABIC[®] 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

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