



SABIC[®] EPS 552

EXPANDABLE POLYSTYRENE

DESCRIPTION

Standard expanded Polystyrene SABIC[®] EPS552 is manufactured by the suspension polymerization of styrene monomer. The polymerization is generally carried out in a batch process. SABIC[®] EPS552 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[®] EPS552 is a standard fast cycle grade used for shape molding with wall thickness greater than 10mm and medium to high density block molding.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
TYPICAL DATA			
Bead Distribution	0.6 – 1.1	mm	SABIC 020
Minimum Density ⁽¹⁾	17	kg/m ³	SABIC 027
Normal Density Range	17 – 30	kg/m ³	SABIC 027