

Foamed Plastic

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BASF CORP

R5817

POLYMERS DIV

MS4-021

100 CAMPUS DR

FLORHAM PARK, NJ 07932 USA

Foamed plastic in the form of boards.

SURFACE BURNING CHARACTERISTICS

TYPES BF-020, BF-122, BF-134, BF-222, BF-229, BF-322, BF-326, BF-327, BF-329, BF-421, BF-422

TYPES BFL-020, BFL-122, BFL-134, BFL-222, BFL-229, BFL-322, BFL-326, BFL-327, BFL-421, BFL-422

STYROPOR KF212, KF262, KF312, KF362, KF412 or KF462

Density Maximum Thickness

	1.0 pcf 6 In. *	1.25 pcf 6 In. *	1.5 pcf 5 In. *	2.0 pcf 5 In. *
Flame spread	15#	5##	10###	5####
Smoke developed	125#	190##	300###	250####

*Installed in a thickness or stored in an effective thickness for the density indicated.

#Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 50 and smoke developed classification of over 500.

##Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 30 and smoke developed classification of over 500.

###Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 120 and smoke developed classification of over 500.

####Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 105 and smoke developed classification of over 500.

Styropor Types AF112, AF212, AF312, AF412, AF512

	2.5 cm (1 In.) Max+	5.1 cm (2 In.) Max+	10.2 cm (4 In.) Max+
Flame spread	5#	5##	5###
Smoke developed	115#	115##	200###

+Installed in a thickness or stored in an effective thickness, as indicated, for a density of 17 Kg/M cubed (1.1 pcf).

#Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 5 and smoke developed classification of 350.

##Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 35 and smoke developed classification of over 500.

###Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 25 and smoke developed classification of over 500.

Styropor Types AF112, AF212, AF312, AF412, AF512

	2.5 cm (1 In.) Max+	5.1 cm (2 In.) Max+	10.2 cm (4 In.) Max+
Flame spread	5#	5##	5###
Smoke developed	175#	175##	200###

+Installed in a thickness or stored in an effective thickness, as indicated, for a density of 20 Kg/M cubed (1.25 pcf).

#Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 5 and smoke developed classification of 400.

##Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 35 and smoke developed classification of over 500.

###Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 180 and smoke developed classification of over 500.

Styropor Types AF112, AF212, AF312, AF412, AF512

	2.5 cm (1 In.) Max+	5.1 cm (2 In.) Max+	10.2 cm (4 In.) Max+
Flame spread	5#	5##	5###
Smoke developed	175#	175##	175###

+Installed in a thickness or stored in an effective thickness, as indicated, for a density of 25 Kg/M cubed (1.5 pcf).

#Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 5 and smoke developed classification of 350.

##Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 35 and smoke developed classification of over 500.

###Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 180 and smoke developed classification of over 500.

Styropor Types AF112, AF212, AF312, AF412, AF512

	12.7 cm (5 In.)
Flame spread	10#
Smoke developed	10#

+Installed in a thickness or stored in an effective thickness, as indicated, for a density of 32 Kg/M cubed (2.0 pcf).

#Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 120 and smoke developed classification of over 500.

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