

**ENER****Ener Kimya Sanayi ve  
Tekstil Ürünleri Tic. Ltd. Şti.**

Alemdağ Cad. Daştan İş Merkezi No: 356 Kat: 6 Ümraniye - 34760 - İSTANBUL  
Tel: (0216) 521 21 21-22 Faks: (0216) 521 21 16 Ticari Sicil No: 506395-453977

## CHANGEL

### F (FLAME RETARDANT)

GRADE	BEAD SIZE (Diameter)	EXPANDABLE RATE (One Time)	DENSITY	APPLICATIONS
	MM	TIMES	g/l	
F-103B	1.00 - 1.60	45 - 65	13 - 18	Heavy duty block sheet and light weight molding
F-104	0.85 - 1.30	40 - 65	14 - 20	Heavy duty block sheet and light weight molding
F-105	0.65 - 0.90	40 - 60	15 - 22	Middle density applications
F-106	0.50 - 0.70	30 - 50	17 - 30	High density applications
F-107	0.30 - 0.50	25 - 40	20 - 35	High density applications

### P (HIGH EXPANSION)

GRADE	BEAD SIZE (Diameter)	EXPANDABLE RATE (One Time)	DENSITY	APPLICATIONS
	MM	TIMES	g/l	
P-103B	1.00 - 1.60	70 - 90	12 - 18	Heavy duty block sheet and light weight molding
P-104	0.85 - 1.30	65 - 85	13 - 20	Regular package and box molding
P-105	0.65 - 0.90	60 - 75	15 - 25	Precision and thin wall package molding s
P-106	0.50 - 0.70	55 - 70	16 - 30	Precision and high density articles
P-107	0.30 - 0.50	50 - 65	18 - 35	Precision and high density articles





