

AKSAD GROUP PETROCHEM

EXPANDEBLE POLYSTYRENE

F Grades

Typical Properties of petromole

Grade	Bead size (mm)	Pre-expansion Density(kgf/cm ²)	FOAM Multiple	Foam Density (g/l)	Usage
F50	1.6-1.9	11	60-75	10-20	Insulation, big packing products
F100	1.2-1.6	13	47-65	14-22	Insulation, big packing products
F150	1.0-1.2	14	42-60	16-30	Insulation, Medium-density packing products
F250	0.73-1.0	15	35-55	20-35	Medium-density Insulation and packing products
F350	0.47-0.73	16	28-50	22-40	High- density Insulation, special use products
F450	0.3-0.47	17	24-45	23-42	High- density Insulation, special use products

Polystyrene Content	93-94 %
Pentane Content	5-7 %
Flame Retardant	1% Max
MV (*1000)	250 Aprx
Specific Gravity	1.03-1.05

Moisture Content	1%	Max
Foem Water Absorption	100 gr/m ²	Max
Foem Compressive Strenght	0.5 kgf/cm ²	min