

EPS | Expandable Polystyrene

GRADE	SIZE (mm.)	TYPE	MOLDING DENSITY RANGE (g/l)	SILO TIME (hrs.)	MIN.THICKNESS (mm.)	APPLICATION
291L	1.00-1.60	STD	14-25	6-12	>10	Insulation board, block molding
321F	0.63-1.12	Fast	16-25	6-12	>10	Packaging
361F	0.40-0.90	Fast	18-30	6-12	>10	Packaging
255E	1.00-1.60	Fast + SE (B2)	16-25	8-16	>10	Insulation board
355E	0.63-1.12	Fast + SE (B2)	18-30	12-24	>5	Insulation board, block molding
177E	1.25-2.24	Fast + SE (B1)	14-20	8-16	>15	Insulation board, block molding
277E	1.00-1.60	Fast + SE (B1)	16-25	8-16	>10	Insulation board, block molding
377E	0.63-1.12	Fast + SE (B1)	18-30	8-16	>5	Insulation board, block molding

Note: SE = Self-Extinguishing, STD = Standard

DIN 4102: Class B1 = Not easily flammable, Class B2 = Flammable

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GRADE	MFI D1238 5 kg, 200°C (g/10 min)	NI D256 1/4", 23°C (kg-cm/cm)	FS D790 at 23°C (kg/cm)	VST D1525 1/8", 1 kg (°C)	FLAME RATING UL-94 (Thickness: mm.)	APPLICATION
GP110	1.7	-	1,019	107	HB (3.0)	XPS, Extrusion, Injection
GP150	8.0	-	844	100	HB (3.0)	Injection (General Purpose)
GP170	11	-	800	96	-	Injection (High Flow)
HG730	3.5	11	570	100	HB (1.5)	Injection (High Gloss)
HI630	6.5	9	460	95	HB (1.5)	Injection (High Gloss)
HI650	8	11	450	96	HB (1.5)	Injection (High Impact)
HI830	3	12	422	96	HB (3.0)	Extrusion sheet