

## Report of Quality Control Test Final Products SE-EPS

			DATE : 10.12.2015	
SAMPLE NAME : EPS – Self Extinguishing Grade			TIME : 20	
SAMPLE CODE : QC-T			Quantity:	
TEST NAME	Specification Value	Test Method	Result	Unit
K-VALUE	52 < K < 57	SUNPOR 7.2.4	56	-----
Residual Monomer	≤ 2000	GC	1250	PPM
Pentane content	≥ 5.2	SUNPOR 7.2.2	6.5	WT%
Moisture content	≤ 10000	SUNPOR 7.2.3	7100	PPM

Grade	Main Bead Size(mm)	Recommend Density (g/l)		Aging Time (Hours)	Application
		1st expansion Batch Exp.	2nd expansion Continue Exp.		
SE-1000	1.25 – 1.60	11.5	7.5	4 - 6	Large Parts Packaging & Insulation Board
SE-2000	1.00 – 1.25	12	8	4 - 6	Medium Parts Packaging & Insulation Board
SE-3000	0.70 – 1.00	13	9	4 - 6	Small Parts Packaging & Insulation Board
SE-4000	0.50 – 0.80	14	10	4 - 6	Small Parts Packaging & Insulation Board

**Properties :** 1. Appearance : Pure White Powder 2. Specific Gravity : Approx. 1.03  
3. Main Composition : polystyrene : 93 ~ 96 % 4. Blowing Agent : 4 ~ 7 %  
5. LOI : 28-30 6. Melting Point : 165 to 175 °C