SEPTON™ Grades

Tested by KURARAY CO., LTD.

Grade	Type	Styrene Content (wt%)	Specific Gravity	Hardness (Type A)	Tensile Property 100% Modulus (MPa)	Tensile Property Tensile Strength (MPa)	Tensile Property Elongation (%)	MFR 230℃, 2.16kg (g/10min)	MFR 200℃, 10kg (g/10min)	Solution Viscosity 5wt% (mPa·s)	Solution Viscosity 10wt% (mPa·s)	Solution Viscosity 15wt% (mPa·s)	Physical Form
1001	SEP	35	0.92	80	—	2	＜100	0.1	1	—	70	1220	Pellet
1020	SEP	36	0.92	70	—	1.2	＜100	—	1.8	—	42	—	Powder
2002	SEPS	30	0.91	80	3.2	11.2	480	70	100	—	—	25	Pellet
2004	SEPS	18	0.89	67	2.2	16	690	5	—	—	—	145	Pellet
2005	SEPS	20	0.89	—	—	—	—	No Flow	No Flow	40	1700	—	Powder
2006	SEPS	35	0.92	—	—	—	—	No Flow	No Flow	27	1220	—	Powder
2063	SEPS	13	0.88	36	0.4	10.8	1200	7	22	—	29	140	Pellet
2104	SEPS	65	0.98	98	—	4.3	＜100	0.4	22	—	—	23	Pellet
4033	SEEPS	30	0.91	76	2.2	35.3	500	＜0.1	＜0.1	—	50	390	Powder
4044	SEEPS	32	0.91	—	—	—	—	No Flow	No Flow	22	460	—	Powder
4055	SEEPS	30	0.91	—	—	—	—	No Flow	No Flow	90	5800	—	Powder
4077	SEEPS	30	0.91	—	—	—	—	No Flow	No Flow	300	—	—	Powder
4099	SEEPS	30	0.91	—	—	—	—	No Flow	No Flow	670	—	—	Powder
HG252	SEEPS-OH	28	0.90	80	3.0	23	500	26	—	—	—	70	Pellet
8004	SEBS	31	0.91	80	2.3	31.6	560	＜0.1	＜0.1	—	40	—	Powder
8006	SEBS	33	0.92	—	—	—	—	No Flow	No Flow	42	—	—	Powder
8007	SEBS	30	0.91	77	3.5	29	550	2.0	—	—	20	—	Powder Pellet
8076	SEBS	30	0.91	72	1.1	2.9	530	65	—	—	—	21	Pellet
Measurement Method			ISO 1183	ISO 7619	ISO 37			ISO 1133		Toluene solution 30℃			

Grade	Type	Grade recommendation Applications Compounds	Adhesives	Plastic Modifiers
1001	SEP	—	○	○
1020	SEP	—	○	○
2002	SEPS	—	○	○
2004	SEPS	—	○	○
2005	SEPS	○	—	—
2006	SEPS	○	—	—
2063	SEPS	—	○	—
2104	SEPS	—	—	○
4033	SEEPS	○	○	○
4044	SEEPS	○	○	○
4055	SEEPS	○	—	—
4077	SEEPS	○	—	—
4099	SEEPS	○	—	—
HG252	SEEPS-OH	—	—	○
8004	SEBS	○	○	○
8006	SEBS	○	—	—
8007	SEBS	○	○	○
8076	SEBS	—	○	—

Unit Conversion :1MPa=10.20 kgf/cm² 1mPa・s=1cPs

1） Precautions should be taken in handling and storing. Refer to the appropriate Material Safety Data Sheet for further safety information.
2） In using SEPTON™, please confirm related law and regulations, and examine its safety and suitability for the application.
3） For Medical, Healthcare and Food Contact applications, please contact your SEPTON™ representative for specific recommendations. SEPTON™ should not be used in any devices or materials intended for implantation in the human body.

※ The figures, graphs, and charts in this booklet are representative ones measured by KURARAY, and those are without guarantee because each conditions of use are beyond Kuraray's control.