VECTOR® SIS GRADES

GRADE[1]	STRUCTURE [2]	STYRENE %	MELT FLOW RATE [3] dg/min	DIBLOCK %	ASH %	VOLATILES %	SOLUTION VISCOSITY [4] cps	TENSILE STRENGTH [5] PSI (MPa)	ELONGATION %	SPECIFIC GRAVITY	HARDNESS Shore A [6]	PRODUCT FORM
4111A	SIS	18	12	< 1	0.3	0.2	880	4700(32.4)	1350	0.93	39	Dense Pellet
4113	SIS/SI	15	10	18	0.3	0.2	1200	3600 (24.8)	1300	0.92	31	Dense Pellet
4113A	SIS/SI	15	10	18	0.3	0.2	1200	3600 (24.8)	1300	0.92	31	Dense Pellet
4114	SIS/SI	15	25	42	0.5	0.2	730	2000 (13.8)	1500	0.92	24	Dense Pellet
4114A	SIS/SI	15	25	42	0.5	0.2	730	2000 (13.8)	1500	0.92	24	Dense Pellet
4186A	(SI)n/SI	18	23	73	0.6	0.3	---	400 (2.8)	1500	0.93	46	Dense Pellet
4211	SIS	30	13	< 1	0.2	0.2	300	3800 (26.2)	900	0.94	62	Dense Pellet
4211A	SIS	30	13	< 1	0.2	0.2	300	3800 (26.2)	900	0.94	62	Dense Pellet
4213A	SIS/SI	25	12	25	0.3	0.2	970	1900 (13.1)	1200	0.94	51	Dense Pellet
4215A	SIS/SI	30	9	18	0.3	0.2	720	2600 (17.9)	1000	0.94	58	Dense Pellet
4230	(SI)n/SI	20	14	30	0.3	0.3	---	2000 (13.8)	1200	0.94	46	Dense Pellet
4293A	(SI)n/SI	30	11	24	0.3	0.3	---	3000 (20.7)	1000	0.94	63	Dense Pellet
4411A	SIS	44	40	< 1	0.2	0.2	120	3000 (20.7)	750	0.96	87	Dense Pellet

Values given are typical and should not be interpreted as specifications

[1] Products with the A suffix are not manufactured with TNPP

[2] STRUCTURE / COMPOSITION:
S = Styrene; I = Isoprene
SIS = Linear styrene-isoprene-styrene triblock copolymer
SI = Styrene-isoprene diblock copolymer
(SI)n/SI = Radial styrene-isoprene block copolymer

[3] MELT FLOW RATE:
ASTM D 1238, 200°C/5 kg

[4] SOLUTION VISCOSITY:
25 Wt % in Toluene

[5] TENSILE STRENGTH:
ASTM D 412, compression molded plaques

[6] HARDNESS:
ASTM D 2240, 1 sec. dwell

FOOD CONTACT / MEDICAL APPLICATIONS:
VECTOR styrenic block copolymers find use under certain food contact regulations as articles or as ingredients in articles intended for food contact or medical applications. Please contact your Dexco Polymers agent for a detailed letter of certification or further information.

VECTOR® SBS GRADES

GRADE[1]	STRUCTURE [2]	STYRENE %	MELT FLOW RATE [3] dg/min	DIBLOCK %	ASH %	VOLATILES %	OIL CONTENT %	SOLUTION VISCOSITY [4] cps	TENSILE STRENGTH [5] PSI (MPa)	ELONGATION %	SPECIFIC GRAVITY	HARDNESS Shore A [6]	PRODUCT FORM
2411	(SB)n/SB	30	< 1	12	0.5	0.3	0	21**	4000 (27.6)	725	0.94	71	Porous Pellet
2411P	(SB)n/SB	30	< 1	12	5.0	0.3	0	21**	4000 (27.6)	725	0.94	71	<12 Mesh Powder
2518	SBS	31	6*	< 1	0.7	0.3	0	1200	4400 (30.3)	1000	0.94	78	Porous Pellet
2518A	SBS	31	6*	< 1	0.7	0.3	0	1200	4400 (30.3)	1000	0.94	78	Porous Pellet
2518P	SBS	31	6*	< 1	5.0	0.3	0	1200	4400 (30.3)	1000	0.94	78	<12 Mesh Powder
2518LD	SBS	31	6*	< 1	0.7	0.3	0	1200	4400 (30.3)	1000	0.94	78	Crumb
2518PC	SBS	31	6*	< 1	5.0	0.3	0	1200	4400 (30.3)	1000	0.94	78	<12 Mesh Powder
4461	SBS	43	23	< 1	0.5	0.4	0	850	4500 (31.0)	700	0.96	87	Porous Pellet
6241	SBS	43	23	< 1	0.7	0.4	0	850	4500 (31.0)	700	0.96	87	Porous Pellet
6241A	SBS	43	23	< 1	0.7	0.4	0	850	4500 (31.0)	700	0.96	87	Porous Pellet
7400	SBS	31	18	< 1	0.6	0.3	33	---	2800 (19.3)	1300	0.90	47	Porous Pellet
8508	SBS	29	12	< 1	0.8	0.4	0	400	4800 (33.1)	1100	0.94	65	Porous Pellet
8508A	SBS	29	12	< 1	0.8	0.4	0	400	4800 (33.1)	1100	0.94	65	Porous Pellet

Values given are typical and should not be interpreted as specifications

[1] Products with the A suffix are not manufactured with TNPP

[2] STRUCTURE / COMPOSITION:
S = Styrene; B = Butadiene
SBS = Linear styrene-butadiene-styrene triblock copolymer
(SB)n/SB = Radial styrene-butadiene block copolymer

[3] MELT FLOW RATE:
ASTM D 1238, 200°C/5 kg
***ASTM D 1238 modified, 200°C/10 kg, 0.1564" (3.973 mm) die**

[4] SOLUTION VISCOSITY:
25 Wt % in Toluene
****5 Wt. % in Toluene**

[5] TENSILE STRENGTH:
ASTM D 412, compression molded plaques

[6] HARDNESS:
ASTM D 2240, 1 sec. dwell

FOOD CONTACT / MEDICAL APPLICATIONS:
VECTOR styrenic block copolymers find use under certain food contact regulations as articles or as ingredients in articles intended for food contact or medical applications. Please contact your Dexco Polymers agent for a detailed letter of certification or further information.