S_6 (mod 2)

	blocks	defect	matrix
$2.G:$	1 2	5 1	15×3 2×1
$6.G:$	3	4	9×3

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$
$1_1 = \chi_{1,0}$	1	.	.
$1_2 = \chi_{1,1}$	1	.	.
$5_1 = \chi_{2,0}$	1	1	.
$5_2 = \chi_{2,1}$	1	1	.
$5_3 = \chi_{3,0}$	1	.	1
$5_4 = \chi_{3,1}$	1	.	1
$9_1 = \chi_{6,0}$	1	1	1
$9_2 = \chi_{6,1}$	1	1	1
$10_1 = \chi_{7,0}$	2	1	1
$10_2 = \chi_{7,1}$	2	1	1
$4_1 = \chi_{8,0}$	.	.	1
$4_2 = \chi_{8,1}$	.	.	1
$4_3 = \chi_{9,0}$	.	1	.
$4_4 = \chi_{9,1}$	.	1	.
$20_1 = \chi_{12+}$	4	2	2

$$\varphi_{1,0} = 1_1$$
$$\varphi_{2,0} = 4_1$$
$$\varphi_{3,0} = 4_2$$

Block 2:	φ_{4+}
$16_1 = \chi_{4+}$	1
$16_2 = \chi_{10+}$	1

$$\varphi_{4+} = 16_1$$

Block 3:	φ_{6+}	φ_{7+}	φ_{8+}
$6_1 = \chi_{14+}$	1	.	.
$6_2 = \chi_{15+}$	.	1	.
$12_1 = \chi_{16+}$	1	1	.
$18_1 = \chi_{17+}$	.	.	1
$30_1 = \chi_{18+}$	1	1	1
$12_2 = \chi_{19+}$	1	1	.
$12_3 = \chi_{20+}$	1	1	.
$24_1 = \chi_{21+}$	.	1	1
$24_2 = \chi_{22+}$	1	.	1

$\varphi_{6+} = 6_1$
$\varphi_{7+} = 6_2$
$\varphi_{8+} = 18_1$