$J_2.2 \pmod 2$

	blocks	defect	matrix
$2.G:$	1 2	9 4	38×5 8×2

Block 1:	$\varphi_{1,0}$	φ_{2+}	φ_{4+}	$\varphi_{6,0}$	$\varphi_{9,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.
$1_2 = \chi_{1,1}$	1	.	.	.	.
$28_1 = \chi_{2+}$	.	.	1	.	.
$42_1 = \chi_{4+}$	2	1	1	.	.
$36_1 = \chi_{6,0}$	.	.	.	1	.
$36_2 = \chi_{6,1}$	.	.	.	1	.
$63_1 = \chi_{7,0}$	3	2	.	1	.
$63_2 = \chi_{7,1}$	3	2	.	1	.
$140_1 = \chi_{8+}$	4	3	1	2	.
$90_1 = \chi_{10,0}$	2	2	1	1	.
$90_2 = \chi_{10,1}$	2	2	1	1	.
$126_1 = \chi_{11,0}$	2	1	1	.	1
$126_2 = \chi_{11,1}$	2	1	1	.	1
$175_1 = \chi_{13,0}$	3	2	1	1	1
$175_2 = \chi_{13,1}$	3	2	1	1	1
$378_1 = \chi_{14+}$	6	4	3	2	2
$225_1 = \chi_{18,0}$	5	3	1	2	1
$225_2 = \chi_{18,1}$	5	3	1	2	1
$300_1 = \chi_{20,0}$	4	3	2	1	2
$300_2 = \chi_{20,1}$	4	3	2	1	2
$336_1 = \chi_{21,0}$	4	3	2	2	2
$336_2 = \chi_{21,1}$	4	3	2	2	2
$12_1 = \chi_{22+}$	.	1	.	.	.
$14_1 = \chi_{24,0}$	2	1	.	.	.
$14_2 = \chi_{24,1}$	2	1	.	.	.
$100_1 = \chi_{25+}$	4	2	.	2	.
$112_1 = \chi_{27+}$	4	3	.	2	.
$84_1 = \chi_{31,0}$	.	.	.	.	1
$84_2 = \chi_{31,1}$	.	.	.	.	1
$252_1 = \chi_{32+}$	4	2	2	.	2
$216_1 = \chi_{34,0}$	4	3	2	1	1
$216_2 = \chi_{34,1}$	4	3	2	1	1
$252_2 = \chi_{35,0}$	4	3	2	2	1
$252_3 = \chi_{35,1}$	4	3	2	2	1
$336_3 = \chi_{36,0}$	4	3	2	2	2
$336_4 = \chi_{36,1}$	4	3	2	2	2
$350_1 = \chi_{37,0}$	6	4	2	2	2
$350_2 = \chi_{37,1}$	6	4	2	2	2

$\varphi_{1,0} = 1_1$
$\varphi_{2+} = 12_1$
$\varphi_{4+} = 28_1$
$\varphi_{6,0} = 36_1$
$\varphi_{9,0} = 84_1$

Block 2:	φ_{7+}	$\varphi_{10,0}$
$160_1 = \chi_{12,0}$	.	1
$160_2 = \chi_{12,1}$	.	1
$448_1 = \chi_{16+}$	1	2
$288_1 = \chi_{19,0}$	1	1
$288_2 = \chi_{19,1}$	1	1
$128_1 = \chi_{29+}$	1	.
$448_2 = \chi_{38,0}$	1	2
$448_3 = \chi_{38,1}$	1	2

$$\begin{aligned} \varphi_{7+} &= 128_1 \\ \varphi_{10,0} &= 160_1 \end{aligned}$$