

$$G_2(q) \bmod l, d = 2 \quad (l > 3, (q-1)_l > 5)$$

	ps	A_1	A_1	$G_2[1]$	$G_2[-1]$	$\phi_{1,6}$	ps	ps	$G_2[\zeta_3]$	$G_2[\zeta_3^2]$
$\phi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$\phi'_{1,3}$	1	1	.	.	.	.	.	.	.	.
$\phi''_{1,3}$	1	.	1	.	.	.	.	.	.	.
$G_2[1]$	.	.	.	1	.	.	.	.	.	.
$G_2[-1]$	.	.	.	.	1	.	.	.	.	.
$\phi_{1,6}$	1	1	1	2	2	1	.	.	.	.
$\phi_{2,1}$	.	.	.	.	.	.	1	.	.	.
$\phi_{2,2}$	.	.	.	.	.	.	.	1	.	.
$G_2[\zeta_3]$	.	.	.	.	.	.	.	.	1	.
$G_2[\zeta_3^2]$	.	.	.	.	.	.	.	.	.	1

References

- [Dud13] O. Dudas. A note on decomposition numbers for groups of Lie type of small rank. *J. Algebra*, 388:364–373, 2013.