

Industry Information

Reliance Industries Limited

REON PVC RESIN: GRADES

Property	Test Method	Unit	Resin Grades									
			57-01	57-11	61-11	63-01	67-01	67-11	69-11	70-11	70-21	74-11
k-value	BFG (1% in Cyclohexanon at 30°C)	-	57±1	57±1	61±1	63±1	67±1	67±1	69±1	70±1	70±1	74±1
Heat Loss	BFG 362-H	% max	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Particle size ed on 40 mesh ed on 60 mesh ed through 140 mesh	BFG 812-H	% max	Traces 5 50	Traces 5 50	Traces 5 50	Traces 10 25	Traces 10 25	Traces 10 25	Traces 10 25	Traces 10 25	Traces 10 25	Traces 10 25
Porosity (DOP Absorption)	BFG 1094-A	ml/g	0.17-0.27	0.17-0.27	0.17-0.27	0.16-0.26	0.19-0.25	0.26-0.32	0.21-0.31	0.27-0.37	0.27-0.37	0.25-0.34
Bulk Density	BFG 690-Fab	g/ml	0.54±0.03	0.54±0.03	0.54±0.03	0.57±0.03	0.56±0.03	0.56±0.03	0.56±0.03	0.48±0.03	0.48±0.03	0.50±0.03
Residual VCM Content	BFG 1005-F	ppm max.	2	2	2	1	1	1	1	1	1	1
Dark Resin Count	BFG 1064	No. max.	12	4	4	4	4	4	4	4	4	10
Fish Eye Count	BFG 909-G	No. max.	20	10	10	20	20	10	10	10	10	10
Flow Time	BFG 692-E	Sec. max	25	25	25	25	25	25	25	25	25	25
Electrical Conductivity	ASTM D-1755 (method 14)	Micromhos / cm/g	-	-	-	-	<6	<6	-	>6	>6	-

Nomenclature Key:

- The first two digits of the grade code indicate typical k-value
- The third digit indicates the following
 - 0 - General Purpose Applications
 - 1 - Low "Fish-Eye" Count
 - 2 - Suitable for Electrical Application
- The fourth digit is a manufacturing code