Adsorbent	Type[1]	S/G[2]	Sc[3]	Surface Area (m2/g)	Pore Volume (cc/g) Macro	Meso	Micro	Pore Diameter (Å)	Micropore Diameter (Å)	pH	Approximate Free Fall Density (g/mL) [particle sizes expressed in mesh and µm units (ASTM Specifications E-11)][4] 20/40 425-850	20/45 355-850	30/45 355-600	40/60 250-425	45/60 250-355	60/80 180-250	80/100 150-180	80/120 125-180	100/140 106-150	120/400 38-125	170/635 20-90	----- 50-60	----- 45	----- 2	----- <0.2
Carboxen 1012	CMS	S		1500	-	0.66	-	-	19-21	-								0.52							
Carboxen 1034	CMS	S	Y	1260	0.10	0.48	0.42	32	5-20	10.5		0.36													
Carboxen 1000	CMS	S		1200	0.25	0.16	0.44	-	10-12	-				0.50		0.47	0.47								
Carboxen 1008	CMS	S		1200	0.25	0.16	0.44	-	10-12	-						0.47									
Carboxen 1026	CMS	S		1200	-	0.06	0.72	-	4-20	-											0.40				
Carbosieve G	CMS	G		1160	-	0.02	0.49	-	6-15	-					0.27	0.27	0.27								
Carboxen 1005	CMS	S	Y	1150	0.28	0.26	0.47	-	5-8	9.3		0.51													
Carboxen 572	CMS	S	Y	1100	0.24	0.19	0.41	-	10-12	9.5		0.48													
Carbosieve S-II	CMS	S		1059	-	0.01	0.45	-	6-15	-						0.61	0.61								
Carboxen 1003	CMS	S	Y	1000	0.28	0.26	0.38	-	5-8	9.2		0.51		0.49											
Carbosieve S-III	CMS	S		975	-	0.04	0.35	-	4-11	-						0.66									
Carboxen 1032	CMS	S	Y	820	0.10	0.38	0.29	37	4-20	3.0		0.51													
Carboxen 1030	CMS	S	Y	740	0.11	0.13	0.26	26	5-20	4.0		0.53													
Carboxen 1006	CMS	S		715	0.23	0.26	0.29	-	7-10	-														0.26	
Carboxen 1018	CMS	S		675	-	-	0.35	-	6-8	-						0.74									
Carboxen 1010	CMS	S		675	-	-	0.35	-	6-8	-														0.43	
Carboxen 1021	CMS	S		600	-	-	0.30	-	5-8	-						0.78									
Carboxen 563	CMS	S	Y	510	0.24	0.15	0.24	-	7-10	6.8		0.52													
Carboxen 1001	CMS	S		500	0.11	0.13	0.22	-	5-8	-						0.55									
Carboxen 569	CMS	S	Y	485	0.10	0.14	0.20	-	5-8	8.6		0.61		0.57											
Carboxen 1033	CMS	S	Y	420	0.10	0.10	0.15	33	5-17	7.0		0.60													
Carboxen 564	CMS	S	Y	400	0.14	0.13	0.24	-	6-9	8.7		0.61													
Carbotrap X	GCB	G	Y	240	-	0.62	-	100	-	9.5	0.44														
Carbopack X	GCB	G		240	-	0.62	-	100	-	-				0.44		0.44				0.39					
Carbopack Z	GCB	G		220	-	1.73	-	255	-	-						0.16									
Purified Carbon Black	CB	G		214	-	0.28	0.06	63.9	-	-															0.06
Mesoporous Carbon	GCB	G		203	-	0.49	-	96.3	-	-													0.35		
Graphsphere 2027	SGPC	S		126	0.20	0.35	-	173	-	-												0.36			
Graphsphere 2029	SGPC	S		105	0.20	0.26	0.03	180	-	-										0.37					
Carbotrap B	GCB	G	Y	100	-	-	-	-	-	9.7	0.38														
Carbopack B	GCB	G		100	-	-	-	-	-	-				0.38		0.36		0.35	0.34	0.30					
Graphsphere 2016	SGPC	S		75	-	0.34	-	-	-	-						0.41									
Graphitized Carbon Black	GCB	G		70	-	0.23	0.01	137	-	-															0.07
Graphsphere 2017	SGPC	S	Y	60	-	0.33	-	-	-	7.8		0.56	0.54												
Carbotrap Y	GCB	G	Y	24	-	-	-	-	-	9.0	0.44														
Carbopack Y	GCB	G		24	-	-	-	-	-	-				0.42		0.38				0.38					
Carbotrap C	GCB	G	Y	10	-	-	-	-	-	8.6	0.70														
Carbopack C	GCB	G		10	-	-	-	-	-	-				0.65		0.64	0.64								
Carbotrap F	GCB	G	Y	5	-	-	-	-	-	8.7	0.70														
Carbopack F	GCB	G		5	-	-	-	-	-	-				0.68		0.67									

1. Type — CMS = Carbon Molecular Sieve
SGPC = Spherical Graphitized Polymer Carbon
GCB = Graphitized Carbon Black
CB = Carbon Black

2. S/G — Adsorbent is spherical (S) or granular (G).

3. Sc — Scalable. We can produce large amounts (>1,000 Kg annually) of this adsorbent in 20/40, 20/45, or 30/45 mesh.

4. Color Code — Green Box = This carbon adsorbent is available with this particle size in at least 1 package size as a stock catalog number. Alternative package sizes may be available as custom items.
Yellow Box = This carbon adsorbent is available with this particle size only as a custom item.