

Industrial Grades								
AR-710	AR-720	AR-731	AR-741	AR-750	AR-760	AR-770	AR-781	AR-791
6	20	30	40	50	60	70	80	90
0.9	0.99	0.98	0.99	1.01	1	1.01	1.02	1.01
23.4	-	-	-	-	-	-	-	-
	21	19	20	18	10	13	6	15
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
2.6	5.5	5.4	9	10	12.2	15.5	18.1	18.7
0.3	0.7	0.9	1.3	1.6	2.4	3	4.2	5.2
1060	930	920	920	900	860	850	800	800
5	11	11	13	17	23	26	36	47
70	63	53	56	47	45	43	41	40
-	696	546	535	256	125	47	52	22
-	-	-	-	-	-	-	-	-
11	10	10	13	16	17	20	26	33
45	28	25	26	31	34	36	42	46
100	63	58	52	56	53	61	54	60
-	-	-	76	76	92	97	110	125
-60°C or less	-60°C or less	-60°C or less	-60°C or less	-60°C or less	-60°C or less	-60°C or less	-60°C or less	-60°C or less
0.8 / 5.2	0.7 / 1.6	0.7 / 2.6	0.5 / 2.8	0.8 / 2.5	0.8 / 2.2	0.8 / 1.9	0.8 / 1.6	0.9 / 1.3
Injection / Extrusion								
unnecessary								
-								
Black / Milky-White (Natural)								

Medical / Food Grades							Low Compression se Heat Resistance Enhanc	
AR-815C	AR-830C	AR-840C	AR-850C	AR-860C	AR-875C	AR-885C	AR-1040	AR-1050
15	35	44	53	60	75	88	40	50
0.89	0.89	0.88	0.89	0.9	0.89	0.9	1.12	1.15
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	2	1	0.4	2	3	10	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	2
5.5	5.8	8.6	11	11.3	16.1	23.5	4.6	6.1
0.5	1.1	1.5	2.1	2.4	3.7	6.3	3.3	3.8
960	900	900	880	820	810	820	420	510
6	12	14	17	25	35	51	12	15
66	58	58	56	51	42	41	47	47
337 (CS-17)	45 (CS-17)	25 (CS-17)	9 (CS-17)	32	19	17	1029	718
-	-	-	-	-	-	-	-	-
13	10	16	16	21	24	29	10	10
28	25	32	32	40	44	49	12	12
-	65	60	58	56	60	64	23	25
-	69	75	83	87	124	148	97	100
-60°C or less							-50°C or less	
0.1 / 3.7	0.7 / 2.9	0.6 / 3.0	0.5 / 3.3	0.9 / 1.6	1.0 / 1.6	1.1 / 1.5	0.4 / 3.1	0.3 / 2.8
Injection / Extrusion							Injection / Extrus	
unnecessary							unnecessary	
-							-	
Semi-transparent (Natural)							Black	

※ The food and medical grade products comply with the Food Sanitation Law No. 201 as revised by Japanese Pharmacopeia 15th edition.

- Taper abrasion: AR-815C, 830C, 840C and 850C were tested under the following conditions: CS-17 x 9.8N x 1,000 cycles

Film Grades		Over molding Grades (for injection)					Molding Grades (extrusion)	
Resistant and highly moldable		Standard			Highly transparent (Highly transparent)		Standard	
AR-FL-75N	AR-FL-85N	AR-BOIX-45	AR-BOIX-60	AR-BOIX-75	AR-BOIN-65	AR-BOIC-70	AR-BOEX-60	AR-BOEX-75
73	86	45	60	75	65	70	60	80
0.9	0.9	1.04	1.06	1.15	1.06	0.99	1.05	1.19
5	17	0.7	1	2	0.6	1.3	0.1	1
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
12	8.1	4.5	8.4	9.5	10.5	5.7	8.8	13.5
4.4	4.4	2.7	4.5	5.4	5.2	4.5	3.9	6.9
730	680	440	420	470	550	580	560	550
42	32	14	32	43	37	34	37	69
36	38	60	59	54	52	50	65	56
199	316	1710	1826	1233	1338	1223	390	1003
-	-	-	-	-	-	-	-	-
19	20	26	20	26	18	22	23	22
94	80	62	68	70	57	60	64	72
-	100	83	87	87	79	79	86	87
80	84	55	79	90	90	77	82	99
or less	-60°C or less	-60°C or less	-50°C or less			-60°C or less		
0.6 / 1.9	1.2 / 1.7	0.6 / 4.6	0.2 / 3.0	0.3 / 2.3	0.1 / 4.1	0.1 / 2.9	0.1 / 6.0	0.1 / 3.8
Injection / Film molding		Injection					Extrusion	
unnecessary		necessary						
-		-						
transparent (Natural)		White (Natural)	Black / Milky-White (Natural)			transparent (Natural)	Milky-White (Natural)	

