

Item	Test Method		Unit	AR-2020	AR-2040 (3)	AR-2060
	Characteristic					
Hardness	JIS K 6253	typeA	point	25	40	60
Specific Gravity	JIS K 7112		-	0.92	0.93	0.94
Melt Flow Rate	ASTM D 1238	230 × 37.2N	g/10min	17	6	5
Tensile strength	JIS K 6251		MPa	5.3	7.2	12.5
300%Modulus	"		"	0.9	1.4	2.8
Elongation	"		%	810	810	880
Tear Strength	JIS K 6252		kN/m	9	12	22
Rebound resilience	JIS K 6255		%	58	56	53
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	403	172	24
Compression Set	JIS K 6262	23 × 24hr	%	20	19	24
		70 × 24hr	"	30	31	37
		100 × 24hr	"	41	40	44
Softening Temperature	our method 1			90	87	97
Brittleness Temperature	JIS K 7216				<-60	
Weather resistance	-		-			
Mold Shrinkage (Vertical/Flowing directions)	our method 2		%	0.8/4.3	1.1/3.3	1.0/2.3
Molding Method	-		-	Injection · Extrusion		
Drying	-		-	unnecessary		
Color	-		-	Natural		
Fusion strength	our method	PP	-			
		ABS	-	×	×	×
		PC	-	×	×	×
		PET	-	×	×	×
		6Ny(PA)	-	×	×	×
		PBT	-	×	×	×
		POM	-	×	×	×
PVC	-	×	×	×		

The values shown in the table are representative ones and not guaranteed.

The figures in the table are subject to change without notice.

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1 Softening temperature measurement method: Vicat softening temperature (at temperature rise rate of 50 /hour and load of 2.5N) was determined with a needle inserted by 1mm.

2 Shrinkage : A film gate sheet (126mm x 126mm x 2mm) was formed (at mold temperature of 40 and cooling period of 40 seconds) .

3 This is a grade that is made to order and sold.

