

Item	Test Method		Unit	AR-GB-40
	Characteristic		-	Transparent
Hardness	JIS K 6253	typeA	point	42
Specific Gravity	JIS K 7112		-	1
Melt Flow Rate	ASTM D 1238	230 × 37.2N	g/10min	8.3
Tensile strength	JIS K 6251		MPa	11.5
300%Modulus	"		"	1.4
Elongation	"		%	690
Tear Strength	JIS K 6252		kN/m	21
Rebound resilience	JIS K 6255		%	13
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	302
Compression Set	JIS K 6262	23 × 24hr	%	31
		70 × 24hr	"	90
		100 × 24hr	"	-
		120 × 24hr	"	96
Softening Temperature	our method 1			89
Brittleness Temperature	JIS K 7216			<-60
Mold Shrinkage (Vertical/Flowing directions)	our method 2		%	1.1/2.5
Molding Method	-		-	Injection ・ Extrusion
Drying	-		-	unnecessary
Color	-		-	Transparent
Haze	JIS K 7136		%	69
Fusion strength	our method	PP	-	
		ABS	-	×
		PC	-	×
		PET	-	×
		6Ny(PA)	-	×
		PBT	-	×
		POM	-	×
		PVC	-	×
Oxygen Permeability Coefficient	JIS K 7126		× 10 ⁻¹⁶ mol ・ m/m ² ・ s ・ Pa	2.4
Moisture Permeability	JIS Z 0208		g/m ² ・ 24hr	0.9

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.