

Item	Test Method		Unit	AR-GB-40	AR-GB-75NY
	Characteristic			(3) Transparent	-
Hardness	JIS K 6253	typeA	point	42	73
Specific Gravity	JIS K 7112		-	1	0.95
Melt Flow Rate	ASTM D 1238	230 × 37.2N	g/10min	8.3	-
		230 × 49N	〃	-	6.2
Tensile strength	JIS K 6251		MPa	11.5	11.8
300%Modulus	〃		〃	1.4	4.8
Elongation	〃		%	690	690
Tear Strength	JIS K 6252		kN/m	21	47
Rebound resilience	JIS K 6255		%	13	22
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	302	47
Compression Set	JIS K 6262	23 × 24hr	%	31	28
		70 × 24hr	〃	90	79
		100 × 24hr	〃	-	87
		120 × 24hr	〃	96	87
Softening Temperature	our method 1			89	95
Brittleness Temperature	JIS K 7216			<-60	-55
Mold Shrinkage (Vertical/Flowing directions)	our method 2		%	1.1/2.5	0.8/1.2
Molding Method	-		-	Injection ・ Extrusion	Injection ・ Extrusion
Drying	-		-	unnecessary	unnecessary
Color	-		-	Transparent	Natural
Oxygen Permeability Coefficient	JIS K 7126		× 10 ⁻¹⁶ mol ・ m/m2 ・ s ・ Pa	2.4	11.3
Moisture Permeability	JIS Z 0208		g/m2 ・ 24hr	0.9	1.9

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.