

Item	Test Method		Unit	AR-FL-60	AR-FL-75	AR-FL-85
	Characteristic			(3)	(3)	(3)
Hardness	JIS K 6253	typeA	point	57	69	82
Specific Gravity	JIS K 7112		-	0.89	0.9	0.9
Melt Flow Rate	ASTM D 1238	190 × 21.2N	g/10min	25	5	15
Tensile strength	JIS K 6251		MPa	6.4	12.5	7.6
300%Modulus	"		"	3.1	4.4	4.4
Elongation	"		%	550	760	660
Tear Strength	JIS K 6252		kN/m	24	42	32
Rebound resilience	JIS K 6255		%	48	36	38
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	471	199	316
Compression Set	JIS K 6262	23 × 24hr	%	25	19	20
		70 × 24hr	"	95	94	80
		100 × 24hr	"	-	-	100
Softening Temperature	our method 1			63	80	84
Brittleness Temperature	JIS K 7216		"	<-50		<-60
Weather resistance	-		-			
Mold Shrinkage (Vertical/Flowing directions)	our method 2		%	0.8/1.6	0.6/1.9	1.2/1.7
Molding Method	-		-	Film molding · Injection		
Drying	-		-	unnecessary		
Color	-		-	Transparence		Semi-transparent
Haze	JIS K 7136		%	18	49	74
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.