

Item	Test Method		Unit	ES-A69CE1	ES-A70C1
	Characteristic		-	Transparence	Transparence
Hardness	JIS K 6253	typeA	point	69	72
		typeD	〃	-	21
Specific Gravity	JIS K 7112		-	0.99	1
Melt Flow Rate	ASTM D 1238	230℃×21.2N	g/10min	5	5.9
Tensile strength	JIS K 6251		MPa	7.4	7
300%Modulus	〃		〃	4.1	-
Elongation	〃		%	790	670
Tear Strength	JIS K 6252		kN/m	44	36
Rebound resilience	JIS K 6255		%	70	69
Taber abrasion Test	JIS K 6264	H22×9.8N×1000Cycle	mg	-	257
Compression Set	JIS K 6262	23℃×24hr	%	20	14
		70℃×24hr	%	47	52
		100℃×24hr	%	52	53
Softening Temperature	our method ※1		℃	103	101
Brittleness Temperature	JIS K 7216		℃	<-60	<-60
Mold Shrinkage (Vertical/Flowing directions)	our method ※2		%	0.8 / 1.3	0.9 / 1.2
Molding Method	-		-	Injection ・ Extrusion	Injection ・ Extrusion
Drying	-		-	necessary(80～90℃×3～4hour)	necessary(80～90℃×3～4hour)
Color	-		-	Translucent	Translucent
Total Light Transmittance	JIS K 7361		%	76	65
Haze	JIS K 7136		〃	31	47
Fusion strength	our method	PP	-	×	×
		ABS	-	○	○
		PC	-	○	○
		PET-G	-	○	○

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.