

Item	Test Method		Unit	EA-A55N	EA-A70CR	EA-A80CR
				(Development product)	( 3)	( 3)
	Characteristic		-	High heat resistance (Low CS)		
Hardness	JIS K 6253	typeA	point	55	67	76
Specific Gravity	JIS K 7112		-	1.14	1.12	1.13
Melt Flow Rate	ASTM D 1238	230 × 98N	g/10min	1	0.5	1.7
Tensile strength	JIS K 6251		MPa	4.4	5.4	7.1
Elongation	"		%	720	210	240
Tear Strength	JIS K 6252		kN/m	34	23	36
Rebound resilience	JIS K 6255		%	20	35	36
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	52	357	295
Compression Set	JIS K 6262	70 × 24hr	%	40	28	35
		120 × 24hr	"	42	34	40
		150 × 24hr	"	47	45	51
Softening Temperature	our method 1			96	186	193
Brittleness Temperature	JIS K 7216			-20	-44	-47
Mold Shrinkage (Vertical/Flowing directions)	our method 2		%	1.8 / 4.3	1.5 / 3.6	1.4 / 3.0
Molding Method	-		-	Injection ・ Extrusion		
Flame Retardance	UL-94		-	HB equivalent		
Drying	-			necessary(80 ~ 90 × 3 ~ 4hour)		
Color	-		-	Natural		

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.