

Item	Test Method		Unit	TF-A30NT	TF-A40NT	TF-A50NT	TF-A60NT	TF-A70NT	TF-A80NT	TF-A90NT
	Characteristic									
Hardness	JIS K 6253	typeA	point	28	43	50	63	70	80	88
		typeD	"	-	-	-	-	-	-	-
Specific Gravity	JIS K 7112		-	0.98	0.98	1.00	1.00	1.01	1.01	1.01
Melt Flow Rate	ASTM D 1238	230 × 37.3N	g/10min	25	5.5	4.8	3.3	2.5	9.1	3.8
Tensile strength	JIS K 6251		MPa	4.8	6.7	7.7	9.8	11.6	13.7	15.6
Elongation	JIS K 6251		%	920	830	860	800	810	770	760
Tear Strength	JIS K 6252		kN/m	11	16	18	24	29	39	52
Rebound resilience	JIS K 6255		%	58	57	55	51	47	41	36
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	980	757	192	199	16	18	43
Compression Set	JIS K 6262	23 × 24hr	%	10	14	16	20	24	26	34
		70 × 24hr	%	27	33	34	34	41	48	53
		100 × 24hr	%	58	59	58	58	60	61	64
Softening Temperature	our method	1		71	73	86	95	117	139	147
Brittleness Temperature	JIS K 7216			<-60	<-60	<-60	<-60	<-60	<-60	<-60
Mold Shrinkage (Vertical/Flowing directions)	our method	2	%	0.4/3.0	0.6/3.1	0.6/2.0	0.6/2.0	0.8/1.9	0.8/1.6	0.9/1.6
Molding Method	-		-	Injection · Extrusion						
Drying	-		-	unnecessary						
Color	-		-	Natural · Black						
Flame Retardance	UL-94		-	HB equivalent						

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.