

Item	Test Method		Unit	E-D27N (3)	E-D42N	E-D53N	E-D45CD (3)
	Characteristic		-	Standard			Conductivity
Hardness	JIS K 6253	typeA	point	76	95	98	95
		typeD	〃	22	38	50	45
Flexural modulus	JIS K 7171		MPa	17	79	183	-
Specific Gravity	JIS K 7112		-	1.06	1.13	1.18	1.18
Melt Flow Rate	ASTM D 1238	180 × 21.2N	g/10min	9.9	-	-	-
		190 × 21.2N	〃	-	5.7	-	-
		210 × 21.2N	〃	-	-	14.9	-
		230 × 49N	〃	-	-	-	8
Tensile strength	JIS K 6251		MPa	17.6	18.6	28.6	13.0
300% Modulus	〃		〃	-	-	-	12.9
Elongation	〃		%	970	960	800	400
Tear Strength	JIS K 6252		kN/m	65	113	136	98
Rebound resilience	JIS K 6255		%	70	70	62	55
Taber abrasion Test	JIS K 6264	H22 × 9.8N × 1000Cycle	mg	105	92	104	114
Compression Set	JIS K 6262	70 × 24hr	%	62	46	50	48
Softening Temperature	our method 1			112	163	190	-
Brittleness Temperature	JIS K 7216			<-60			
Mold Shrinkage (Vertical/Flowing directions)	our method 2		%	0.6/0.5	1.1/1.0	1.2/1.2	1.2/1.3
Molding Method	-		-	Injection ・ Extrusion			
Drying	-		-	necessary(80 ~ 90 × 3 ~ 4hour)			
Color	-		-	Natural ・ Black			Black
Fusion strength	our method	PP	-	×	×	×	×
		ABS	-	-	-	-	-
		PC	-			○	
		PET	-	-	-	-	-
		6Ny(PA)	-	-	-	-	-
		PBT	-	-	-	-	-
		POM	-	-	-	-	-
Volume Resistance Rate	JIS K 6911		Ω ・ cm	-	-	-	1.09E+01

The values shown in the table are representative ones and not guaranteed.
The figures in the table are subject to change without notice.
Reproduction of this information without our consent is prohibited.
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.