Properties	Test method	Test condition	Unit	General purpose			Flame retardant		
				Standard	Standard	Transparent	Standard	High antistatic	GF30%
				E10 (Type V)	E11	E88	E50	E70	EG506
Melt mass-flow rate	ISO 1133	240℃/5kg	g/10min	15	20	35	10	10	-
Mold shrinkage	ASTM D955		%	0.4 - 0.7	0.4 - 0.7	-	0.4 - 0.7	0.3 - 0.5	0.1 - 0.3
Tensile strength	ISO 527		MPa	39	44	40	37	28	67
Flexural strength	ISO178		MPa	61	66	56	56	40	91
Flexural modulus	ISO178		MPa	2000	2200	1800	1800	1500	7600
Charpy notched impact strength	ISO 179/1eA	23℃ -30℃	kJ/m^2	26 11	28 -	15 -	12 5	13 -	5 6
Izod notched Impact strength	ASTM D256	23℃ /6.4mm -30℃ /6.4mm	J/m	390 -	340 -	- -	120 -	71 -	50 -
Rockwell hardness	ISO 2039		-	R107	R108	-	-	-	-
Deflection temperature under load	ISO 75 AASTM D648	1.80MPa 1.82MPa/12.7mm	℃	78 88	77 88	75 -	80 90	93 97	93 97
Coefficient of thermal expansion	ISO 11359	MD TD	×10^{-5}/℃	9 -	9 -	- -	9 -	3 9	3 9
Flamability *	UL94		-	HB	HB	-	V-0/1.5mm V-2/1.0mm	V-0/1.5mm	V-0/1.5mm
Volume Resistivity	ASTM D257		Ω･m	3×10^9	2×10^{10}	-	-	2.0×10^6	-
Surface Resistivity	ASTM D257		Ω	2×10^{11}	1×10^{12}	1×10^{12}	6×10^{12}	4.5×10^9	6×10^{12}
Light transmission	ASTM D1003		%	-	-	86	-	-	-
Dielectric strength	ASTM D149	1.5mm	MV/m	-	-	-	11	-	-
Arc resistance *	ASTM D495	3.0mm	sec (PLC)	-	-	-	57 (7)	-	-
Water absorption	ISO 62		%	0.3	0.3	-	0.3	-	0.3
Density	ISO 1183		g/cm^3	1.06	1.06	1.10	1.24	1.24	1.47

NOTES
1. UL recognition File No. of Daicel Polymer is E47773.
2. Values with asterisk (*) are UL-recognized values.
3. CF-reinforced grades come under Item 5 (18) of Annex 1 of the Export Trade Control Order on the basis of the Foreign Exchange and Foreign Trade Law of Japan.