FRP、DCPD、Comparison Table of Physical Properties of Blister Products

Project	Unit	Testing Method（JIS）	FRP（G—30%）	AES	ABS	PP	DCPD1	China-PDCPD	DCPD2UL—94V0
Proportion	g/cm3	K7112	1.8	1.04	1.04	0.9	1.03	1.03	1.13
Bending modulus	Gpa(23℃)	K7203	9	1.5	1.6	1.2	1.9	1.88	2.1
Flexural strength	Gpa(23℃)	K7203	170	51	52	3.3	69	73.6	84
Tensile yield strength	Gpa(23℃)	K7113	60	3.5	36	23	44	50.1	45
EZ impact strength value	J/m,23℃	K6911	500	220	200	150	460	460	460
	0℃		-		-	-	390	390	390
	-30℃		-		-	-	310	310	310
Rockwell hardness	//	K7202	H-60	105	R-90	R-80	R-115	R-120	M-72
Heat Deflection Temperature	℃ 18.5kg/cm3	K7207	190	90	78	69	113	90.4-114	118
Thermal expansion coefficient	10—5cm/cm℃	Quartz tube dilatometer method	2.2	10	10	10	7.5	7.3	7
Molding Shrinkage	—	—	0.002	0.4-0.7	0.009	0.01	0.009	0.009	0.007