

## Properties

	Method	Condition	Unit	Soft Type Trancparency Weatherability	Soft Type Trancparency Weatherability matte	Soft Type PMMA/PVDF	Haed Type Whitening resistance	Hard Type Whitening resistance Easy Molding Type	Hard Type Whitening resistance PMMA/PVDF
				HBS006H 53 μ	HBS027 50 μ	FBS007 50 μ	HBS010P 75 μ	HBA007P 75 μ	FBA015 75 μ
Total transmittance	MCC Internal (JIS K7361-1)	-	%	92.6	91.4	93.3	92.5	92.5	93.1
Haze	MCC Internal (JIS K7136)	-	%	0.9	55.7	6.8	0.5	0.7	0.6
Gloss (Surface/Back)	MCC Internal (ISO 2813) (JIS Z8741)	-	%	-	(14.0/20.2)	-	-	-	-
Heat shrinkage	MCC Internal (100°C, 10min)	MD	%	11.4	14.0	0.8	2.1	3.8	0.7
		TD	%	-1.1	-2.1	0.4	0.9	1.7	0.6
Tg (DSC)	MCC Internal	-	°C	90	90	-	100	92	-
Tensile strength (yield)	MCC Internal (ISO 527-3) (JIS K7127)	MD	MPa	34	36	35	50	39	46
		TD	MPa	33	34	35	50	39	46
Elongation	MCC Internal (ISO 527-3) (JIS K7127)	MD	%	138	122	155	76	142	116
		TD	%	160	155	167	58	112	95
Chemical resistance (MCC Internal)				/	/	/	/	/	/
Acid (0.1N H2SO4)				Stable	Stable	Stable	Stable	Stable	Stable
Alkali (0.1N NaOH)				Stable	Stable	Stable	Stable	Stable	Stable
Petroleum Chemicals (Acetone, Ethyl Acetate)				Dissolved	Dissolved	Stable	Dissolved	Dissolved	Liquid mark
Petroleum Chemicals (Methanol)				Liquid mark	Liquid mark	Stable	Liquid mark	Liquid mark	Stable

These data described above are typical properties, not for specifications.

MCC internal method with reference to ISO or JIS.