

Property	Test Condition	Test Method ISO	Units	Transparent
				High scratch resistant
				912-X01
				>MABS<
Physical property				
Density	23℃	ISO1183	kg/m ³	1100
Specific Gravity		ASTM D792	-	1.1
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	56
Elongation at Break	23℃	ISO527-1,2	%	12
Flexural Strength	23℃	ISO178	MPa	83
Flexural Modulus	23℃/50% RH	ISO 178	MPa	2630
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	6
Ball Pressure Temp./0.1mm Vicat Softening Temp.			℃	85~90
Heat property				
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	78
Flammability		UL94	rank/thickness mm	HB
Molding property				
Mold shrinkage	23℃/50% RH	Toray Method	%	0.4-0.6
Melt Flow Rate	220℃/98N	ISO 1133	g/10min	30
Optical property				
Total Light Transmission	23℃/50% RH 3mm thickness	ISO 13468	%	78
Haze	23℃/50% RH 3mm thickness	ISO 14782	%	16

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.

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