

PROPERTY	CONDITION	UNIT	METHOD	VALUE
<b>PHYSICAL</b>				
Light transmittance	3.2mm	%	ASTM D1003	92
Haze	3.2mm	%	ASTM D1003	<0.1
<b>THERMAL</b>				
Melt flow index	230°C, 3.8kg	g/10min	ASTM D1238	20.8
VICAT softening temperature	1kg	°C	ASTM D1525	97
Heat deflection temperature (18.6kg)	unannealed	°C	ASTM D648	77
	annealed	°C	ASTM D648	84
<b>MECHANICAL</b>				
IZOD Impact strength	with notch	kJ/m <sup>2</sup>	ASTM D256	1.5
Rockwell hardness	M scale	-	ASTM D785	86
Tensile strength	-	kgf/cm <sup>2</sup>	ASTM D638	620
Elongation	-	%	ASTM D638	8
Flexural strength	-	kgf/cm <sup>2</sup>	ASTM D790	1,270
Flexural modulus	-	kgf/cm <sup>2</sup>	ASTM D790	33,700
<b>GENERAL</b>				
Density	-	g/cm <sup>3</sup>	ASTM D792	1.18
Refractive index	-	-	ASTM D542	1.49
Water absorption	24hr	%	ASTM D570	0.3
Mold shrinkage	-	%	ASTM D955	0.2-0.6
Coefficient of linear expansion	-	1/°C	ASTM D696	6X10 <sup>-5</sup>
Flammability	-	-	UL94	HB

REMARKS : The listed values should be used for reference purpose only.