

# Arystal ECO (120) Opal

Extruded arylc sheet

271-7, Geumil-ro,  
 Geumwang-eup, Eumseong-gun,  
 Chungcheongbuk-do, KOREA  
 TEL : 82-43-883-2670  
 FAX : 82-43-883-2672  
 email : pv@plavex.co.kr

## 1. Typical properties

Item	Unit	Method	Value
Density	g / cm <sup>3</sup>	ISO 1183	1.19
Refractive index	-	ISO 489	1.49
Light Transmittance	%	ISO 13468-1	33
Haze	%	ISO 14782	1 ↓
Tensile strength	MPa	ISO 527-2	74
Elongation	%	ISO 527-2	5.5
Flexural strength	MPa	ISO 178	120
Flexural modulus	Gpa	ISO 178	3.2
Charpy impact strength (Notched)	KJ/m <sup>2</sup>	ISO 179-2	1.5
Izod impact Strength (Notched)	KJ/m <sup>2</sup>	ASTM D256	1.8
Rockwell hardness (M Scale)	M scale	ISO 2039	98
Heat deflection Temperature(1.8MPa)	°C	ISO 75	98
Vicat softening Temperature	°C	ISO 306	105
Water absorption (24hr)	%	ASTM D570	0.3
Coefficient of Linear Expansion	1/°C	ASTM D696	6 x 10 <sup>-5</sup>

\*Data given for the typical properties are average values and should not be used for specification purpose.