

**KOPHOS® KO1375**

PC

Kolon Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	60	MPa	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
<b>ASTM Data</b>			
Tensile Strength	69	MPa	ASTM D 638
Flexural Strength	108	MPa	ASTM D 790
Izod Impact notched, 1/8 in	850	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	128	°C	ISO 75-1/-2
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 264 psi	134	°C	ASTM D 648
<b>Optical properties</b>			
<b>ISO Data</b>			
Haze	99	-	ISO 14782
<b>Other properties</b>			
Density	1200	kg/m <sup>3</sup>	ISO 1183
Density	1200	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	100 - 120	°C	-
Pre-drying - Time	3 - 5	h	-
Processing humidity	≤0.03	%	-
Mold temperature	60 - 90	°C	-
Zone 1	270 - 290	°C	-
Zone 2	280 - 300	°C	-
Zone 3	290 - 310	°C	-
Nozzle temperature	280 - 300	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Regional Availability**

North America, Asia Pacific

**Features**

Light Diffusing