

**Product Texts**

Transparent/translucent PC for light diffusion special effects. MFR of 20. Brominated FR.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1580	MPa	ASTM D 638
Tensile Strength at Yield	63	MPa	ASTM D 638
Tensile Strength at Break	67	MPa	ASTM D 638
Elongation at Break	130	%	ASTM D 638
Flexural Modulus	2170	MPa	ASTM D 790
Izod Impact notched, 1/8 in	694	J/m	ASTM D 256

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Yellow Card available	yes	-	-
<b>ASTM Data</b>			
DTUL @ 66 psi	135	°C	ASTM D 648
DTUL @ 264 psi	122	°C	ASTM D 648

**Electrical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Comparative tracking index	325	-	IEC 60112
<b>ASTM Data</b>			
Arc Resistance	30	s	ASTM D 495

**Other properties**

	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	275 - 300	°C	-
Mold temperature	70 - 95	°C	-
Zone 1	255 - 275	°C	-
Zone 2	265 - 290	°C	-
Zone 3	275 - 300	°C	-
Nozzle temperature	270 - 295	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.3 - 0.7	MPa	-

**Characteristics****Processing**

Injection Molding

**Applications**

Electrical and Electronical

**Special Characteristics**

Flame retardant, Transparent, Translucent

**Regional Availability**

North America, South and Central America

**Features**

Light Diffusing