

Product Texts

Transparent PC. ILLUMINATE special effects (fluorescent/edge glow colors). MFR 18.2.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18.2	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2170	MPa	ASTM D 638
Tensile Strength at Yield	62	MPa	ASTM D 638
Tensile Strength at Break	68	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	125	%	ASTM D 638
Flexural Modulus	2340	MPa	ASTM D 790
Izod Impact notched, 1/8 in	747	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	3200	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.7	mm	-
Yellow Card available	yes	-	-
ASTM Data			
DTUL @ 66 psi	137	°C	ASTM D 648
DTUL @ 264 psi	126	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525

Electrical properties

	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	325	-	IEC 60112

Other properties

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

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific