

Panlite® KE-1300

TEIJIN LIMITED - Polycarbonate

General Information

General

Properties	• High Viscosity	
Uses	• Film	• Sheet
Appearance	• Clear/Transparent	
Forms	• Pellets	
Processing Method	• Extrusion	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	60.0	MPa	ISO 527-2/50
Tensile Stress (Break, 23°C)	60.0	MPa	ISO 527-2/50
Nominal Tensile Strain at Break (23°C)	> 50	%	ISO 527-2/50
Flexural Modulus ² (23°C)	2100	MPa	ISO 178
Flexural Stress ² (23°C)	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	80	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	130	°C	ISO 75-2/A

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 mm/min