

Multilon® T-2711J

Polycarbonate + ABS

TEIJIN LIMITED

Message:

PC/ABS polymer alloy, Automotive series

General Information			
Features	High Heat Resistance		
	Low Temperature Impact Resistance		
Uses	Automotive Instrument Panel		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow : 4.00 mm	0.50 to 0.70	%	
Flow : 4.00 mm	0.50 to 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2250	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	56.0	MPa	
Break	48.0	MPa	
Tensile Strain			ISO 527-2/50
Yield	3.0	%	
Break	110	%	
Flexural Modulus ¹	2300	MPa	ISO 178
Flexural Stress ²	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	80	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	124	°C	ISO 75-2/B
1.8 MPa, Unannealed	104	°C	ISO 75-2/A
Vicat Softening Temperature	122	°C	ISO 306/B50
CLTE			ISO 11359-2
Flow	8.0E-5	cm/cm/°C	
Transverse	8.0E-5	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method

Surface Resistivity	1.0E+16	ohms	IEC 60093
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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