

CALIBRE™ 340 TNIR

Polycarbonate Resin

Trinseo

Message:

CALIBRE™ 340 TNIR Polycarbonate Resin provides transparent solar heat reduction to solid or multi-wall sheets via the co-extrusion of a 150 to 250 µm thick layer in between the bulk PC layer and the UV cap layer. It is recommended to use CALIBRE 320UV as UV cap layer.

Main Characteristics:

- Transparent
- Solar Heat Reduction
- Neutral Tint
- High Light Transmission
- Applications
- Clear sheet extrusion
- Solid and Multi Wall Polycarbonate sheet

General Information			
Features	High Light Transmission		
Uses	Sheet		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	8.0	g/10 min	ISO 1133
Optical	Nominal Value	Unit	Test Method
Transmittance			Internal Method
-- ¹	60.0	%	
-- ²	67.0	%	
Additional Information	Nominal Value	Unit	Test Method
Solar Heat Reduction			Internal Method
-- ³	10 to 11	°C	
-- ⁴	10 to 11	°C	
NOTE			
1.	Light transmission with a 200 µm thick co-extruded layer in between the bulk PC layer (CALIBRE 503-5 TC 030003) and a 40 µm UV cap layer (CALIBRE 320UV) for a 10 mm thick twin wall polycarbonate sheet.		
2.	Light transmission with a 200 µm thick co-extruded layer in between the bulk PC layer (CALIBRE 302-5 TC 030003) and a 40 µm UV cap layer (CALIBRE 320UV) for a 2 mm thick solid polycarbonate sheet.		

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| 3. | Solar Heat Reduction with a 200 1m thick co-extruded layer in between the bulk PC layer (CALIBRE 503-5 TC 030003) and a 40 1m UV cap layer (CALIBRE 320UV) for a 10 mm thick twin wall polycarbonate sheet. |
| 4. | Solar Heat Reduction with a 200 1m thick co-extruded layer in between the bulk PC layer (CALIBRE 302-5 TC 030003) and a 40 1m UV cap layer (CALIBRE 320UV) for a 2 mm thick solid polycarbonate sheet. |

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