

LNP™ COLORCOMP™ WX96084 compound

Polybutylene Terephthalate
SABIC Innovative Plastics Europe

Message:

LNP COLORCOMP WX96084 is a compound based on Polybutylene Terephthalate resin. Added features include: Custom Color White.
Also known as: LNP* COLORCOMP* Compound PDXW96084S
Product reorder name: WX96084

General Information			
UL YellowCard	E45329-101282767		
RoHS Compliance	RoHS Compliant		
Appearance	White		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ISO 1183
Molding Shrinkage - Flow	2.3	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2/1
Tensile Stress (Yield)	46.0	MPa	ISO 527-2/5
Tensile Strain (Yield)	26	%	ISO 527-2/5
Flexural Modulus ¹	1900	MPa	ISO 178
Flexural Stress	63.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	10	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	140	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
CLTE			ISO 11359-2
Flow : 23 to 60°C	1.1E-4	cm/cm/°C	
Transverse : 23 to 60°C	1.2E-4	cm/cm/°C	
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	221 to 232	°C	
Middle Temperature	243 to 254	°C	
Front Temperature	260 to 271	°C	
Processing (Melt) Temp	238 to 266	°C	
Mold Temperature	82.2 to 98.9	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			

1.	2.0 mm/min
2.	80*10*4
3.	80*10*4

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Recommended distributors for this material

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