



LNP™ COLORCOMP™ Compound J1000Z-WH9G618

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ COLORCOMP™ Compound J1000Z-WH9G618

Product reorder name: J1000Z-WH9G618

LNP* COLORCOMP* J1000-WH9G618 is a compound based on Polyethersulfone resin. Added Features include; Extrusion Grade, Customer specific color.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 5 mm/min	85	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.6	%	ISO 527
Flexural Stress, yield, 2 mm/min	131	MPa	ISO 178
Flexural Modulus, 2 mm/min	2800	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	NB	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	5	kJ/m ²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	5.8E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	6.2E-05	1/°C	ISO 11359-2
PHYSICAL			
Mold Shrinkage, flow (5)	0.6 - 0.8	%	SABIC Method
Density	1.38	g/cm ³	ISO 1183
Water Absorption, 23°C/24hrs	0.6	%	ISO 62-1



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4	hrs
Maximum Moisture Content	0.05	%
Melt Temperature	355 - 370	°C
Front - Zone 3 Temperature	370 - 380	°C
Middle - Zone 2 Temperature	360 - 370	°C
Rear - Zone 1 Temperature	345 - 355	°C
Mold Temperature	140 - 150	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	60 - 100	rpm