

# LNP™ THERMOCOMP™ DB008ERP

## compound

Polycarbonate

SABIC Innovative Plastics

**Message:**

LNP THERMOCOMP DB008ERP is a compound based on Polycarbonate resin containing Glass Bead. Added features of this material include: Easy Molding, Mold Release.

Also known as: LNP\* THERMOCOMP\* Compound DB-1008 EM MR

Product reorder name: DB008ERP

General Information			
Filler / Reinforcement	Glass beads		
Additive	demoulding		
Features	Good formability		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			
Flow: 24 hours	0.70	%	ASTM D955
Transverse flow: 24 hours	0.70	%	ASTM D955
Vertical flow direction: 24 hours	0.73	%	ISO 294-4
Flow direction: 24 hours	0.67	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	3960	MPa	ASTM D638
Tensile Strength (Break)	42.7	MPa	ASTM D638
Tensile Elongation (Break)	3.2	%	ASTM D638
Flexural Modulus	3840	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Unnotched Izod Impact (23°C)	400	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	133	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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