

LNP™ THERMOCOMP™ DX06412H compound

Polycarbonate

SABIC Innovative Plastics

Message:

LNP THERMOCOMP DX06412H is a compound based on Polycarbonate resin containing Glass Fiber. Added features of this material include: Easy Molding, Mold Release.

Also known as: LNP* THERMOCOMP* Compound DF-1006 EM MR BE

Product reorder name: DX06412H

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	demoulding		
Features	Good formability		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	9030	MPa	ASTM D638
Tensile Strength (Break)	118	MPa	ASTM D638
Tensile Elongation (Break)	2.4	%	ASTM D638
Flexural Modulus	8410	MPa	ASTM D790
Flexural Strength	172	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	91	J/m	ASTM D256
Unnotched Izod Impact (23°C)	730	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	135	°C	ASTM D648
NOTE			

1. 50 mm/min

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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