

LNP™ LUBRICOMP™ QCL34 compound

Polyamide 610

SABIC Innovative Plastics

Message:

LNP LUBRICOMP QCL34 is a compound based on Nylon 6/10 resin containing PTFE, Carbon Fiber. Added features of this material include: Internally Lubricated, , Electrically Conductive.

Also known as: LNP* LUBRICOMP* Compound QCL-4034

Product reorder name: QCL34

General Information	
Filler / Reinforcement	Carbon fiber reinforced material
Additive	PTFE lubricant
Features	Conductivity
	Lubrication

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	17200	MPa	ASTM D638
Tensile Strength (Break)	195	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	14100	MPa	ASTM D790
Flexural Strength	290	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1000	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	212	°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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