

LNP™ LUBRICOMP™ WAL34 compound

Polybutylene Terephthalate

SABIC Innovative Plastics

Message:

LNP LUBRICOMP WAL34 is a compound based on Polybutylene Terephthalate resin containing PTFE, Aramid Fiber. Added features of this material include: Internally Lubricated.

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

Product reorder name: WAL34

General Information			
Filler / Reinforcement	Aramid fiber		
Additive	PTFE lubricant		
Features	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow: 24 hours	1.4	%	ASTM D955
Transverse flow: 24 hours	2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	4480	MPa	ASTM D638
Tensile Strength (Break)	57.9	MPa	ASTM D638
Tensile Elongation (Break)	2.9	%	ASTM D638
Flexural Modulus	4400	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Coefficient of Friction			ASTM D3702 Modified
With self-dynamics	0.082		ASTM D3702 Modified
With Self-Static	0.065		ASTM D3702 Modified
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	180	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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