

LNPT[™] LUBRICOMP[™] COMPOUND WFL34H

WFL-4034 HC

REGION ASIA

DESCRIPTION

LNP LUBRICOMP WFL34H compound is based on Polybutylene Terephthalate (PBT) resin containing 20% glass fiber, 15% PTFE. Added features of this grade include: Wear Resistant, Healthcare.

GENERAL INFORMATION	
Features	Wear resistant, Healthcare/Formula lock
Fillers	Glass Fiber, PTFE
Polymer Types	Polybutylene Terephthalate (PBT)
Processing Techniques	Injection Molding
INDUSTRY	SUB INDUSTRY
Hygiene and Healthcare	Pharmaceutical Packaging and Drug Delivery, Surgical devices, General Healthcare, Patient Testing
Packaging	Industrial Packaging

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
Tensile Stress, break	120	MPa	ASTM D638
Tensile Strain, break	2.8	%	ASTM D638
Tensile Modulus, 50 mm/min	8400	MPa	ASTM D638
Flexural Stress	177	MPa	ASTM D790
Flexural modulus	7500	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	780	J/m	ASTM D4812
Izod Impact, notched, 23°C	86	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	214	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	1.59	g/cm ³	ASTM D792

(1) The information stated on Technical Datasheets should be used as indicative only for material selection purposes and not be utilized as specification or used for part or tool design.

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