

LNP™ LUBRICOMP™ COMPOUND CYCOLOY_C6303

REGION ASIA

DESCRIPTION

LNP LUBRICOMP CYCOLOY_C6303 compound is a Wear resistant (5% PTFE), flame retardant PC+ABS. High heat and good hydrolytic stability. UL listing from Japan and Pacific.

TYPICAL PROPERTY VALUES

Revision 20170816

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	59	MPa	SABIC - Japan Method
Tensile Strain, break	170 – 170	%	SABIC - Japan Method
Flexural Stress	97	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	98	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	103	°C	ASTM D 648
CTE, -30°C to 30°C	0.00006 – 0.00008	1/°C	TMA
PHYSICAL			
Specific Gravity	1.25	-	ASTM D 792
Water Absorption, 24 hours	0.2	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm (5)	0.4 – 0.6	%	SABIC method
FLAME CHARACTERISTICS			
UL Recognized, 94V-1 Flame Class Rating (3)	1.2	mm	UL 94
UL Recognized, 94V-0 Flame Class Rating (3)	1.5	mm	UL 94
UL Recognized, 94-5VB Rating (3)	2.5	mm	UL 94
MECHANICAL PROPERTIES			
Flexural modulus	2530	MPa	ISO 178/1A

DISCLAIMER

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any





non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.

SABIC as referred to herein means any legal entity belonging to the group of companies headed by Saudi Arabia Basic Industries Corporation.

