



LNP™ LUBRICOMP™ Compound DFL44

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound DFL-4044

Product reorder name: DFL44

LNP LUBRICOMP DFL44 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	86	MPa	ISO 527
Tensile Strain, break, 5 mm/min	2.3	%	ISO 527
Tensile Modulus, 1 mm/min	6400	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	127	MPa	ISO 178
Flexural Modulus, 2 mm/min	4900	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	30	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	11	kJ/m ²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	2.6E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	7.6E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	147	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	142	°C	ISO 75/Af
PHYSICAL			
Density	1.48	g/cm ³	ISO 1183