LNP™ STAT-KON™ COMPOUND ZX05043

ZCFL-4028

DESCRIPTION

LNP STAT-KON ZX05043 is a compound based on PPE+PS Blend resin containing Glass Fiber, PTFE, Carbon Fiber.

TYPICAL PROPERTY VALUES

Revision 20191212

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break, 5 mm/min	111	MPa	ISO 527
Tensile Strain, break, 5 mm/min	0.7	%	ISO 527
Flexural Stress, break, 2 mm/min	133	MPa	ISO 178
Flexural Modulus, 2 mm/min	12600	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	15	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	5	kJ/m²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	130	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow	0.5 – 1.5	%	SABIC method
Density	1.41	g/cm³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+02 – 1.E+03	Ohm	ASTM D 257

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