



LNP* Stat-kon* Compound DX04462C

Asia Pacific: COMMERCIAL

Also known as: LNP* Stat-kon* Compound PDX-D-04462 CCS

Product reorder name: DX04462C

LNP* STAT-KON* DX04462C is a compound based on Polycarbonate resin containing Carbon Powder. Added features of this material include: Clean Compounding System.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	540	kgf/cm ²	ASTM D 638
Tensile Strain, break	7.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	25200	kgf/cm ²	ASTM D 638
Flexural Stress	980	kgf/cm ²	ASTM D 790
Flexural Modulus	27700	kgf/cm ²	ASTM D 790
Tensile Stress, break	53	MPa	ISO 527
Tensile Strain, break	5.7	%	ISO 527
Tensile Modulus, 1 mm/min	2560	MPa	ISO 527
Flexural Stress	98	MPa	ISO 178
Flexural Modulus	2720	MPa	ISO 178
IMPACT			
Izod Impact, unnotched, 23°C	69	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	4	cm-kgf/cm	ASTM D 256
Izod Impact, unnotched 80*10*4 +23°C	68	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	6	kJ/m ²	ISO 180/1A
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	137	°C	ASTM D 648
CTE, -40°C to 40°C, flow	6.3E-05	1/°C	ASTM E 831
CTE, -40°C to 40°C, xflow	6.12E-05	1/°C	ASTM E 831
CTE, -40°C to 40°C, flow	6.35E-05	1/°C	ISO 11359-2
CTE, -40°C to 40°C, xflow	6.25E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	128	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	139	°C	ISO 75/Af
PHYSICAL			
Density	1.22	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.6 - 0.8	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.6 - 0.8	%	ASTM D 955
Mold Shrinkage, flow, 24 hrs	0.6 - 0.8	%	ISO 294



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PHYSICAL			
Mold Shrinkage, xflow, 24 hrs	0.6 - 0.8	%	ISO 294
Density	1.22	g/cm ³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+06 - 1.E+09	Ohm	ASTM D 257