

TORAYCA NX85K-15

PC-(CF+GF)13

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	28	g/10min	ISO 1133
Temperature	250	°C	-
Load	9.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	73	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	6200	MPa	ISO 178
Charpy notched impact strength, +23°C	6.3	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	121	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	100000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa