

DURANEX® C5315N

(PBT+PET)-GF15

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	110	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Flexural modulus, 23°C	5650	MPa	ISO 178
Flexural strength	172	MPa	ISO 178
Charpy notched impact strength, +23°C	5.6	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 95	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	202	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	40	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	80	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	18	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ISO 1183

Characteristics**Features**

High Gloss

Regional Availability

Asia Pacific