

PX-02ABK

PA66

Next Polymers Ltd.

Processing/Physical Characteristics		Value	Unit	Test Standard
ASTM Data				
Mold Shrinkage, MD		0.0075	mm/mm	ASTM D 955
Mold Shrinkage, TD		0.013	mm/mm	ASTM D 955
Mechanical properties		dry / cond	Unit	Test Standard
ASTM Data				
Tensile Strength		75 / 55	MPa	ASTM D 638
Elongation at Break		25 / 40	%	ASTM D 638
Flexural Modulus		3000 / 2400	MPa	ASTM D 790
Flexural Strength		110 / 85	MPa	ASTM D 790
Rockwell Hardness		R 120 /	-	ASTM D 785
Izod Impact notched, 1/8 in		49.1 / 78.5	J/m	ASTM D 256
Thermal properties		Value	Unit	Test Standard
ASTM Data				
UL 94 Flame rating		HB	-	UL 94
Thickness tested		0.8	mm	-
DTUL @ 66 psi		180	°C	ASTM D 648
DTUL @ 264 psi		80	°C	ASTM D 648
Melting Temperature		260	°C	ASTM D 3418
Electrical properties		dry / cond	Unit	Test Standard
ISO Data				
Volume resistivity		1E11 / 1E13	Ohm*m	IEC 62631-3-1
Surface resistivity		* / 1E14	Ohm	IEC 62631-3-2
Electric strength		22 / -	kV/mm	IEC 60243-1
Comparative tracking index		600 / -	-	IEC 60112
Other properties		Value	Unit	Test Standard
Water Absorption, 24hr		2.1	%	ASTM D 570
Water Absorption, Equilibrium		6.5	%	ASTM D 570
Density		1140	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

General Purpose

Delivery form

Black

Regional Availability

Asia Pacific