

SXT4-02ABK

ABS

Next Polymers Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0025	mm/mm	ASTM D 955
Mechanical properties			
Value	Unit	Test Standard	
ASTM Data			
Tensile Modulus	2750	MPa	ASTM D 638
Tensile Strength	57	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2800	MPa	ASTM D 790
Flexural Strength	75	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	177	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	110	°C	ASTM D 648
DTUL @ 264 psi	104	°C	ASTM D 648
Vicat Temperature	115	°C	ASTM D 1525
Electrical properties			
Value	Unit	Test Standard	
ISO Data			
Comparative tracking index	400	-	IEC 60112
ASTM Data			
Dielectric Strength, Short Time	21.3	kV/mm	ASTM D 149
Other properties			
Value	Unit	Test Standard	
Water Absorption, 24hr	0.3	%	ASTM D 570
Water Absorption, Equilibrium	0.6	%	ASTM D 570
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Applications

Automotive, Encapsulation

Regional Availability

Asia Pacific