TECHNICAL DATA SHEET

Grade : **PC ASA 3020**
Colour : Black
Description : PC ASA Blend Unfilled with excellent mechanical Properties and High Impact and Good Surface, customized colours.

Properties	Test Condition	Test Method	Unit	Typical Value
Physical				
Specific Gravity		ASTM D792	-	1.15
Melt Flow Rate	260° C/5Kg	ASTM D1238	g/10min	35
Mechanical				
Tensile Stregth@yield	50mm/min	ASTM D638	Mpa	50
Tensile Elongation@Break	50mm/min	ASTM D638	%	10
Flexural Modulus	2mm/min	ASTM D790	Mpa	800
Flexural Strength	2mm/min	ASTM D790	Mpa	70
Izod Impact 3.2 mm Notched	23°C	ASTM D256	Kg cm/cm	40
Thermal				
Heat Deflection Temperature (annealed)	1.80 Mpa	ASTM D648	°C	100
Flammability		UL94		HB

Typical values are only for material selection purpose, and variation within normal tolerances are for various colours and grades.
Values given should not be interpreted as specification and not be used for part or tool design.
All properties, except melt flow rate are measured on injection moulded specimens and after 48 hours storage at 23°C, 50% relative humidity