TECHNICAL DATA SHEET

Grade : **ASA 9412**
Colour : Black
Description : ASA Unfilled with excellent mechanical Properties and High Impact and Good Surface, customized colours.

Properties	Test Condition	Test Method	Unit	Typical Value	Tolerance
Physical					
Specific Gravity		ASTM D792	-	1.07	+/-0.2
Melt Flow Rate	220° C/10Kg	ASTM D1238	g/10min	24	+/- 4
Mechanical					
Tensile Stregth@yield	50mm/min	ASTM D638	Mpa	45	+/-5
Tensile Elongation Break	50mm/min	ASTM D638	%	10	+/-1
Flexural Modulus	2mm/min	ASTM D790	Mpa	400	+/-100
Flexural Strength	2mm/min	ASTM D790	Mpa	45	+/-10
Izod Impact 3.2 mm Notched	23°C	ASTM D256	Kg cm/cm	15	+/-4
Thermal					
Heat Deflection Temperature (annealed)	1.80 Mpa	ASTM D648	°C	95	+/- 2
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