TECHNICAL DATA SHEET

NYLON 66

Grade : **PM 71 JA 001**
Colour : Black
Description : NYLON 66 Unfilled excellent mechanical Properties, Natural and customized colours.

Properties	Test Condition	Test Method	Unit	Typical Value	Tolerance
Physical					
Specific Gravity		ASTM D792	-	1.14	+/-0.02
Mechanical					
Tensile Strength@yield	50mm/min	ASTM D638	Mpa	75	+/-5
Tensile Elongation@Break	50mm/min	ASTM D638	%	5	+/-2
Flexural Modulus	2mm/min	ASTM D790	Mpa	3200	+/-100
Flexural Strength	2mm/min	ASTM D790	Mpa	125	+/-10
Izod Impact 3.2 mm Notched	23°C	ASTM D256	Kg cm/cm	7	+/-1
Thermal					
Heat Deflection Temperature (annealed)	1.80 Mpa	ASTM D648	°C	85	+/-2
Flammability Rating		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