



TECHNICAL DATA SHEET

PRODUCT CODE	: BT2PA66S
PRODUCT DESCRIPTION	: Unfilled, PA66 resin for injection molding.
PRODUCT CHARACTERISTICS	
<i>Applications</i>	: Automotive Applications, Household Appliances, Electrical & Electronical Applications, General Applications, Industrial Applications, Consumer Applications
<i>Appearance</i>	: Black Color
<i>Forms</i>	: Pellets
<i>Processing Method</i>	: Injection Molding
<i>Features</i>	: Strength&Stiffness, Good Viscosity, Medium

	UNIT	TEST CONDITIONS	VALUE	TEST METHOD
1. PHYSICAL PROPERTIES				
DENSITY	gr /cm ³	-	1.13	ISO 1183
Mold Shrinkage	%	-	1,30 1,30	-
	<i>Parallel</i>			
	<i>Perpendicular</i>			
2. MECHANICAL PROPERTIES				
TENSILE STRENGTH AT BREAK	MPa	50 mm/min	≥ 48	ISO 527
TENSILE MODUL	MPa	50 mm/min	≥ 2500	ISO 527
IZOD IMPACT STRENGTH, NOTCHED	kJ/m ²	Notched	≥ 4,5	ISO 180/A
3. THERMAL PROPERTIES				
HEAT DEFLECTION TEMPERATURE (HDT)	°C	1,80MPa 0,45MPa	- -	ISO 75A ISO 75B
4. ELECTRICAL PROPERTIES				
FLAMMABILITY	Class	1.6 mm	HB	UL94
5. PROCESSING CONDITIONS:				
Drying Temperature	°C	-	80 – 90	-
Drying Time	Hour	-	2 - 4	-
Processing Temperature	°C	-	240 – 290	-

Mechanical properties measured at 23°C (73°F) unless otherwise stated.

The above values are typical of samples molded and tested in laboratory conditions. The actual values may vary depending on the processing conditions and end use.

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