



ARIANEPLAST

4 terrasse de Bretagne , ZA Terrasses de la Sarre
57400 SARREBOURG FRANCE
+33 6 52 04 34 31

General ABS BASIC Characteristics

Product Description:Medium impact

Properties	ISO Test Method	Test Condition	Unit	ABS BASIC
Melt Flow Index	1133	220 ^x 10KG	ml/10 min	16
Mass Density	1183	23	g/cm ³	1.04
Tensile Strength	527	50 mm/min, yield	MPa	44
		50 mm/min, break	MPa	33
Tensile Elongation	527	50 mm/min	%	30
Flexural Strength	178	2 mm/min	MPa	69
Flexural Modulus		2 mm/min	GPa	1.9
Izod Impact Strength	180/1A	23 Notched	KJ/m ²	25
		-30 Notched	KJ/m ²	12
Charpy Impact Strength	179	23 Notched	KJ/m ²	27
		-30 Notched	KJ/m ²	13
Vicat Softening Temp.	306	1 Kg,50 /hr		103
		5 Kg,50 /hr		98
Heat Distortion Temp.	75/A	1.8 MPa Unannealed		82
		1.8 MPa Annealed		97
Coefficient of Linear Thermal Expansion	11359	-	-	8.8 x 10-5
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.7
Symbol	1043	-	-	>ABS<

Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.