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General ABS POLYLAC® PA-717C

Product Description: Medium impact

Properties	ISO Test Method	Test Condition	Unit	PA-717C
Melt Flow Index	1133	220℃×10KG	ml/10 min	17
Mass Density	1183	23 ℃	g/cm³	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/m²	25
		-30 ℃ Notched	KJ/m²	12
Charpy Impact Strength	179	23 ℃ Notched	KJ/m²	27
		-30 ℃ Notched	KJ/m²	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<

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

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