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Extrusion ABS POLYLAC® PA-747S

Product Description: High impact, Extrusion

Properties	ISO Test Method	Test Condition	Unit	PA-747S
Melt Flow Index	1133	220℃×10KG	ml/10 min	6
Mass Density	1183	23 ℃	g/cm³	1.03
Tensile Strength	527	50 mm/min, yield	MPa	40
		50 mm/min, break	MPa	30
Tensile Elongation	527	50 mm/min	%	40
Flexural Strength	178	2 mm/min	MPa	57
Flexural Modulus		2 mm/min	GPa	1.7
Izod Impact Strength	180/1A	23 ℃ Notched	KJ/m²	34
		-30 ℃ Notched	KJ/m²	23
Charpy Impact Strength	179	23 ℃ Notched	KJ/m²	36
		-30 ℃ Notched	KJ/m²	25
Vicat Softening Temp.	306	1 Kg,50 ℃/hr	℃	103
		5 Kg,50 ℃/hr	℃	98
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	℃	81
		1.8 MPa Annealed	℃	96
Coefficient of Linear Thermal Expansion	11359	-	-	9.2 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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