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Extrusion ABS POLYLAC® PA-709S

Product Description: Super impact Extrusion

Properties	ISO Test Method	Test Condition	Unit	PA-709S
Melt Flow Index	1133	220℃×10KG	ml/10 min	4
Mass Density	1183	23 ℃	g/cm³	1.03
Tensile Strength	527	50 mm/min, yield	MPa	37
		50 mm/min, break	MPa	29
Tensile Elongation	527	50 mm/min	%	30
Flexural Strength	178	2 mm/min	MPa	51
Flexural Modulus		2 mm/min	GPa	1.5
Izod Impact Strength	180/1A	23 ℃ Notched	KJ/m²	40
		-30 ℃ Notched	KJ/m²	28
Charpy Impact Strength	179	23 ℃ Notched	KJ/m²	42
		-30 ℃ Notched	KJ/m²	30
Vicat Softening Temp.	306	1 Kg,50 ℃/hr	℃	104
		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	-	-	9.5 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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