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Flame Retardant ABS POLYLAC® PA-765

Product Description: F.R. High flow

Properties	ISO Test Method	Test Condition	Unit	PA-765
Melt Flow Index	1133	220℃×10KG	ml/10 min	58
Mass Density	1183	23 ℃	g/cm³	1.19
Tensile Strength	527	50 mm/min, yield	MPa	38
		50 mm/min, break	MPa	29
Tensile Elongation	527	50 mm/min	%	10
Flexural Strength	178	2 mm/min	MPa	55
Flexural Modulus		2 mm/min	GPa	1.8
Izod Impact Strength	180/1A	23℃, Notched	KJ/m²	21
		-30℃, Notched	KJ/m²	9
Charpy Impact Strength	179	23 ℃ Notched	KJ/m²	22
		-30 ℃ Notched	KJ/m²	10
Vicat Softening Temp.	306	1 Kg,50 ℃/hr	℃	91
		5 Kg,50 ℃/hr	℃	78
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	℃	74
		1.8 MPa Annealed	℃	83
Coefficient of Linear Thermal Expansion	11359	-	-	8.39 x 10-5
Flammability	-	UL-94	-	1.0mm V-1 1.5mm V-0 1.5mm 5VB 2.5mm 5VA
Mold Shrinkage	294-4	-	%	0.3~0.6
Symbol	1043	-	-	>ABS-FR(17)<

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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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