

High Gloss HIPS POLYREX® PH-888G

Product Description: High impact, High gloss

Properties	ISO Test Method	Test Condition	Unit	PH-888G
Melt Flow Index	1133	200°C×5KG	ml/10 min	4.0
Mass Density	1183	23 °C	g/cm ³	1.03
Tensile Strength	527	50 mm/min, yield	MPa	35
		50 mm/min, break	MPa	28
Tensile Elongation	527	50 mm/min	%	35
Flexural Strength	178	2 mm/min	MPa	48
Flexural Modulus		2 mm/min	GPa	2.2
Izod Impact Strength	180/1A	23°C, Notched	KJ/m ²	11
		-30°C, Notched	KJ/m ²	5.0
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	10
		-30 °C Notched	KJ/m ²	5.5
Vicat Softening Temp.	306	1 Kg,50 °C/hr	°C	102
		5 Kg,50 °C/hr	°C	92
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	79
		1.8 MPa Annealed	°C	95
Coefficient of Linear Thermal Expansion	11359	-	-	4~6x10 ⁻⁵
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.7
Symbol	1043	-	-	>PS-HI<

October 8, 2020

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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