

Extrusion HIPS POLYREX® PH-88S

Product Description: Extrusion

Properties	ASTM Test Method	Test Condition	Unit	PH-88S
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	2.6
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.05
Hardness	D785	-	L Scale	50
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	260
			lb/in ²	3700
Tensile Elongation	D638	6 mm/min	%	45
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	360
			lb/in ²	5110
Flexural Modulus		2.8 mm/min	10 ⁴ Kg/cm ²	1.9
			10 ⁵ lb/in ²	2.7
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	11.0
			ft-lb/in	2.00
		3.2 mm, 23°C	Kg-cm/cm	15.0
			ft-lb/in	2.75
Vicat Softening Temp.	D1525	1 Kg,50°C/hr	°C	100
			°F	212
Heat Distortion Temp.	D648	Annealed	°C	94
			°F	201
		Unannealed	°C	80
			°F	176
Flammability	UL-94	-	-	1.5mm HB

September 20, 2023

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

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