

# Cheng Yu IPS610BK

High Impact Polystyrene

Cheng Yu Plastic Company Limited

## Message:

Cheng Yu IPS610BK is a High Impact Polystyrene product. It can be processed by extrusion and is available in Asia Pacific.

Characteristics include:

Flame Rated

Conductive

General Information			
Features	Electrically Conductive		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	6.0 to 8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	38.0	MPa	ASTM D638
Flexural Strength	60.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	78.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+5	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94

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## Recommended distributors for this material

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