

ISOPAK® 547HF

Acrylonitrile Butadiene Styrene
Great Eastern Resins Industrial Co Ltd (GRECO)

Message:

ISOPAK® 547HF is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific, Europe, or North America.
Important attributes of ISOPAK® 547HF are:
Flame Rated
High Flow
Typical applications include:
Appliances
Household Applications

General Information			
Features	High Flow		
Uses	Appliances		
	Bathroom Accessories		
	White Goods & Small Appliances		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	118		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.18 mm)	43.1	MPa	ASTM D638
Flexural Strength ¹ (Yield, 23°C)	74.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) ² (23°C)	19.6	kJ/m ²	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94
NOTE			
1.	2.8 mm/min		
2.	1/4" x 1/2" x 5/2" sample		

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