

# ISOPAK® 540

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

Message:

ISOPAK® 540 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific, Europe, or North America for injection molding.  
Important attributes of ISOPAK® 540 are:  
Flame Rated  
Flame Retardant  
Typical applications include:  
Appliances  
Business/Office Goods  
Housings

General Information			
UL YellowCard	E85466-251742		
Features	Flame Retardant		
Uses	Appliances		
	Business Equipment		
	Television Housings		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, 23°C, 3.18 mm)	42.7	MPa	ASTM D638
Flexural Modulus <sup>2</sup> (23°C)	2160	MPa	ASTM D790
Flexural Strength <sup>3</sup> (Yield, 23°C)	68.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) <sup>4</sup> (23°C)	21.6	kJ/m <sup>2</sup>	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	79.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94
NOTE			
1.	50 mm/min		
2.	15 mm/min		
3.	15 mm/min		
4.	1/4" x 1/2" x 5/2" sample		

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Recommended distributors for this material

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