

ISOPAK® 569P

Acrylonitrile Butadiene Styrene

Great Eastern Resins Industrial Co., Ltd. (GRECO)

Message:

Extrusion/Good Processability

General Information			
Features	Workability, good		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	4.0 - 8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield, 23°C, 3.18mm	39.2	MPa	ASTM D638
Fracture, 23°C, 3.18mm	33.3	MPa	ASTM D638
Flexural Strength ² (Yield, 23°C)	60.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	490	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.6 mm)	HB		UL 94
NOTE			
1.	5.0 mm/min		
2.	2.8 mm/min		

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