

IPC PP 4840H-MGF10 Black

Polypropylene

International Polymers Corporation

Message:

IPC PP 4840H-MGF10 Black is a polypropylene material, which contains 10% glass fiber reinforced materials and 30% mica fillers. This product is available in North America.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight Mica filler, 30% filler by weight		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 - 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	47.6	MPa	ASTM D638
Flexural Modulus	5030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	85	J/m	ASTM D256A
Additional Information			
Density - Specific Gravity, ASTM D792: 1.24 ± 0.02 g/cm ³ Melt Mass-Flow Rate, ASTM D1238, 230°C/2.16 kg: 10.0 to 14.0 g/10 minFiller, FTML BO 6-2: 40% ±2%			

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Recommended distributors for this material

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