

IPC PP 4810H-GF Black

Polypropylene

International Polymers Corporation

Message:

IPC PP 4810H-GF Black is a polypropylene material, and the filler is 10% glass fiber reinforced material. This product is available in North America.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 - 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.6	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	145	°C	ASTM D648
1.8 MPa, not annealed	130	°C	ASTM D648

Density - Specific Gravity, ASTM D792: 0.97 ± 0.02 g/cm³Melt Mass-Flow Rate, ASTM D1238, 230°C/2.16 kg: 12.0 to 14.0 g/10 minTensile Elongation @ Yld, ASTM D638: 10.0 ± 1.0%Filler, FLTM BO 6-2: 10% ±2%

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Recommended distributors for this material

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