

BP RPP 4012 T BLK

Polypropylene
Buckeye Polymers, Inc.

Message:

Our Talc Filled product lines exhibit excellent properties such as high stiffness surface aesthetics, low coefficient of thermal expansion, low shrinkage, improved scratch and mar resistance, and resistance to some aggressive chemical agents. Buckeye Polymers can also customize these materials through the addition of UV packages, custom color matching, and processing additives.

Features:

Increased Stiffness and Heat Deflection
UV Resistance, Good
Industrial, Appliance, Construction Markets
Scratch and Mar Resistance, Good

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	Good Chemical Resistance		
	Good UV Resistance		
	High Stiffness		
	Low Shrinkage		
	Pleasing Surface Appearance		
	Scratch Resistant		
Uses	Appliance Components		
	Appliances		
	Construction Applications		
	Industrial Applications		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22 to 1.28	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 to 12	g/10 min	ASTM D1238
Ash Content	34 to 44	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 24.0	MPa	ASTM D638
Flexural Modulus (23°C)	> 2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 20	J/m	ASTM D256

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