

BP Flex D 4107 CU BLK

Compounded Polypropylene

Buckeye Polymers, Inc.

Message:

Product Information: TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment.

Features:

Tear Resistance, High

UV Resistance, Good

Density, Low

Wide service range from -20 degrees C to 120 degrees C

General Information			
Filler / Reinforcement	Calcium Carbonate		
Additive	UV Stabilizer		
Features	Good Tear Strength		
	Good UV Resistance		
	Low Density		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930 to 0.950	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 to 12	g/10 min	ASTM D1238
Ash Content	4.0 to 10	%	ASTM D5630
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	42 to 48		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 6.89	MPa	ASTM D638
Flexural Modulus	310 to 483	MPa	ASTM D790

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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