

BP Flex D 5818 T 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	Talc		
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	1.00	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17 to 21	g/10 min	ASTM D1238
Ash Content	15	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 17.9	MPa	ASTM D638
Flexural Modulus	> 1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 530	J/m	ASTM D256
Gardner Impact	> 407	J	ASTM D5420

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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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