

BP Flex D 6509 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		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14 to 1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0 to 9.0	g/10 min	ASTM D1238
Ash Content	28 to 34	%	ASTM D5630
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60 to 67		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1310 to 1590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Gardner Impact	> 94.9	J	ASTM D5420

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