

BP Flex D 5618 T RXF

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	1.02 to 1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21 to 27	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.65 to 0.85	%	ASTM D955
Ash Content	17 to 23	%	ASTM D5630
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	52 to 58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 13.8	MPa	ASTM D638
Flexural Modulus	> 951	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 370	J/m	ASTM D256
Gardner Impact	> 271	J	ASTM D5420

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