



**TYPICAL PROPERTY DATA SHEET
BP FLEX D 5618 T RXF**

Product Information:	TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment	Appearance:	Black
Product Features:	*Tear Resistance, High * UV Resistance, Good * Density, Low * Wide service range from -20 degrees C to 120 degrees C	Forms:	Round or Strand Cut Gala Pellets
		Processing Method:	* Injection Molding
		Processing Guide available upon request.	

PHYSICAL	UNIT	OTHER INFORMATION	TEST METHOD	NOMINAL VALUES
MELT FLOW INDEX	g/10 min	can be adjusted for your injection or extrusion application.	ASTM D-1238	21 - 27
ASH	%		ASTM D-5630	17 - 23
SPECIFIC GRAVITY	g/cc		ASTM D-792	1.02 - 1.07
GARDNER IMPACT	ft./lb. @ RT	Minimum Value	ASTM D-5420	200 min.
FLEX MODULUS	psi @ RT MPa	Minimum Value	ASTM D-790	138,000 min.
TENSILE STRENGTH	psi MPa	Minimum Value	ASTM D-638	2,000 min.
NOTCHED IZOD	ft.lbs./in.	Minimum Value	ASTM D-256	7.0 min.
SHORE HARDNESS	Shore		ASTM D-2240	52 - 58
SHRINKAGE	in./in.		ASTM D-955	.0065 - .0085

Typical values should not be construed as a guarantee analysis of any specific lot or as specification items. The properties of any single lot or shipment of product may vary from the above typical analysis. All information contained herein is accurate and to the best of our knowledge. However, Buckeye Polymers, Inc. assumes no liability, nor makes any guarantee to the accuracy or completeness of the information contained herein. Final determination as to the suitability of any information, or use of material, is solely the responsibility of the user.

Buckeye Polymers can custom compound a material to meet your specifications.

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