

# BP Flex D 0850 (C) BLK

Thermoplastic Elastomer

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			
Features	Good Tear Strength		
	Good UV Resistance		
	Low Density		
Uses	Thermoforming Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 to 12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50 to 56		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 12.8	MPa	ASTM D638
Flexural Modulus	462 to 600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	110	J/m	
23°C	No Break		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

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

