

# T-Blend® 5800N-AB

Thermoplastic Elastomer

TSRC Corporation

## Message:

T-Blend® 5800N-AB is a Thermoplastic Elastomer (TPE) product. It can be processed by extrusion or injection molding and is available in Asia Pacific. Applications of T-Blend® 5800N-AB include handles, bags/liners, business/office goods, consumer goods and engineering/industrial parts. Characteristics include:

- Chemical Resistant
- Eco-Friendly/Green
- Fast Molding Cycle
- Food Contact Acceptable
- Good Adhesion

General Information	
Features	Fast Molding Cycle
	Food Contact Acceptable
	Good Adhesion
	Good Chemical Resistance
	Good Colorability
	Good Weather Resistance
	Non-Toxic
	Recyclable Material
Uses	Flexible Grips
	Household Goods
	Liners
	Overmolding
	Power/Other Tools
	Sporting Goods
	Stationary Supplies
	Toothbrush Handles
	Toys
Agency Ratings	FDA Food Contact, Unspecified Rating
Appearance	Natural Color
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02 to 1.06	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (180°C/5.0 kg)	4.0 to 20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method

Durometer Hardness (Shore A)	54 to 58		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4.61	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength	34.3	kN/m	ASTM D624
Additional Information	Nominal Value		
Substrate	ABS		
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 190	°C	

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

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

