

# Flextuff® S2801-00-E

Thermoplastic Elastomer

Noble Polymers

Message:

80 Shore A TPE

Noble Polymers Flextuff series of Thermoplastic Elastomer Compounds (TPE) offer rubber-like feel with the ease of processing and recyclability of a thermoplastic. This unique family of products are developed using the highest quality raw materials and additives to create soft feel materials in a wide range of hardness levels for both injection molding as well as extrusion processing methods.

Flextuff TPE compounds are used in applications such as grips, seals, over-molded handles and many other applications in the commercial, automotive, sports and leisure and building and construction industries.

Features Include:

Durometer (hardness) range from 25 - 90 Shore A

Available in natural, black or custom colors

Additive packages include: UV stabilization, scratch and mar resistance

Formulations for injection molding as well as profile extrusion

Customized formulations available to meet your specific need

All Flextuff products are 100% recyclable

General Information			
Features	Recyclable Material		
Uses	Automotive Applications		
	Construction Applications		
	Flexible Grips		
	Handles		
	Seals		
	Sporting Goods		
Appearance	Black		
	Colors Available		
	Natural Color		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	7.17	MPa	ASTM D412

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