

T-Blend® 6594B-G80E-M

Styrene Ethylene Butylene Styrene Block Copolymer

TSRC Corporation

Message:

T-Blend® 6594B-G80E-M is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) product. It is available in Asia Pacific. Applications of T-Blend® 6594B-G80E-M include wire & cable and engineering/industrial parts.

Characteristics include:

- Flame Rated
- RoHS Compliant
- WEEE Compliant
- Eco-Friendly/Green
- Flame Retardant

General Information			
Features	Flame Retardant		
	Good Processability		
	Good Surface Finish		
	Halogen Free		
	High Heat Resistance		
	Low Smoke Emission		
	Non-Toxic		
	Recyclable Material		
	Soft		
Uses	Plugs		
	Wire & Cable Applications		
Agency Ratings	EU 2002/96/EC (WEEE)		
	UL Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950 to 0.990	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (180°C/5.0 kg)	1.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78 to 82		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	6.86	MPa	ASTM D412
Tensile Elongation (Break)	380	%	ASTM D412
Tear Strength	51.0	kN/m	ASTM D624
Flammability	Nominal Value		Test Method

Flame Rating	HB	UL 94
Injection	Nominal Value	Unit
Processing (Melt) Temp	180 to 220	°C

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