

TPE 80A

Thermoplastic Elastomer (Styrene-Butadiene Copolymer)

Physical	Test Method	Nominal Value (SI)
Specific Gravity	ASTM D-792	0.948 to 1.10 $\frac{g}{cc}$
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	ASTM D-1238	20 g/10 min
Mechanical		
Tensile Modulus	ASTM D-412	2.07 MPa
Taber Abrasion Resistance 1000 cycles, H18 Wheel	ASTM D-1044	110 mg
Tensile Strength (Yield)	ASTM D-412	11.0 MPa
Tensile Elongation (Break)	ASTM D-412	600%
Tear Strength	ASTM D-624	58.7 kN/m
Durometer Hardness (Shore A)	ASTM D-2240	80